Government Fertilizer Project—Pages 3 and 36

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 146 No. 1 SCHNELL PUBLISHING COMPANY, INC., PUBLISHERS July 31, 1944

RECEIVED JUL 3 1944 THE CHEMISTS' CLUB LIBRARY

RED PHOSPHORUS

AMORPHOUS POWDER—TECHNICAL

Made from our own Yellow Phosphorus of exceptionally high purity. By rigid control during the conversion process we are able to offer a product of exceptional quality. Containers—11 lb. cans, 10 to the case. Prompt delivery service from our plant at Carteret, New Jersey.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Bone Oil	Gelatins
Dicalcium Phosphate	Bone Black Pigments	Phosphorus (Red)
Disodium Phosphate	Hydrofluosilicic Acid	Phosphorus (White)
Trisodium Phosphate	Magnesium Fluosilicate	Phosphorus Pentasulphide
Carbonate of Ammonia	Zinc Fluosilicate	Phosphoric Acid

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York

33 Offices in Principal Cities in U. S., Cuba and Canada

THE AMERICAN AGRICULTURAL CHEMICAL COMPANY — AA QUALITY

Sodium Benzoate U. S. P.

STANDARD AND POWDERED

Benzaldehyde N. F., F. F. C.

TECHNICAL

Manufactured by TENNESSEE PRODUCTS CORPORATION

Plant at Chattanooga, Tenn. General Offices: Nashville, Tenn

Sales Agent

WM. S. GRAY & CO.

342 MADISON AVENUE, NEW YORK

Cable Address: Graylime Phone: MUrray Hill 2-3100

SHARPLES TRADE MARK CHEMICALS

DI-n-BUTYLAMINE

Raw material for manufacture of rubber chemicals, flotation reagents, and dyestuffs. Corrosion inhibitor.

SHARPLES CHEMICALS Inc.

PHILADELPHIA CHICAGO NEW YORK

Make "Standard" BICHROMATES *your* standard

BICHROMATE OF SODA

BICHROMATE OF POTASH

CHROMATE OF SODA

PRIOR CHEMICAL CORPORATION / NEW YORK

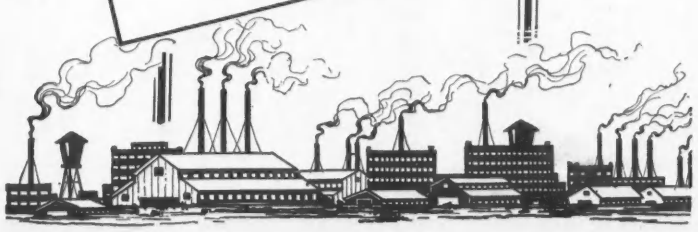
420 LEXINGTON AVENUE

Chicago Office: 230 N. Michigan Ave.

Selling Agents for

STANDARD CHROMATE DIVISION

Diamond Alkali Company, Painesville, Ohio



PURITY BY THE TON

That's what war industries are demanding in chemicals—and in large quantities. Baker, long experienced in making such chemicals, can meet your requirements for standard or custom-made specifications.

Baker's ANALYZED REAGENT FINE CHEMICALS

Baker's

J. T. BAKER CHEMICAL CO.

PHILLIPSBURG, N.J.

NEW YORK PHILADELPHIA CHICAGO

BORAX - BORIC ACID

Technical — U. S. P. — Special Quality

Crystal—Granulated—Powdered—Impalpable Anhydrous

Munganese Borate Potassium Borate

Sodium Metaborate

Ammonium Pentaborate Ammonium Biborate

PACIFIC COAST BORAX COMPANY

51 Madison Avenue, New York 10

CHICAGO 16 LOS ANGELES 14

ETHYLENEAMINES
ETHANOLAMINES
ACETOACETANILIDES

From One of Chemistry's First Families

These are the Amines we supply in commercial quantities:

- Ethylenediamine
- Diethylenetriamine
- Triethylenetetramine
- Tetraethylenepentamine
- Propylenediamine

- Monoethanolamine
- Diethanolamine
- Triethanolamine
- Methyldiethanolamine
- Diethylethanolamine
- Aminoethylethanolamine
- Phenylethanolamine
- Phenyldiethanolamine
- Ethylphenylethanolamine
- Triisopropanolamine
- Tetraethanolammonium Hydroxide

- Butylamine
- Diethylhexylamine

- Acetoacetanilide
- Chloracetoacetanilide
- Dichloracetoacetanilide
- Acetoacet-o-toluidide

- Morpholine
- Thialdine
- Phenylmethylpyrazolone

THE Amine family of chemicals is one of the largest produced by Carbide and Carbon Chemicals Corporation. Twenty-five Amines are supplied in commercial quantities, and more than twenty others in research quantities. The family is so useful that many of its members are now restricted to essential work.

Present industrial applications of the Amines arise primarily from their ability to neutralize acids. They serve as corrosion inhibitors in special lubricating oils, metal-cleaning compounds, carbon-removers, and slushing compounds for engines. Certain Amines purify the gases in plants making toluene, high-octane gasoline, aluminum, magnesium, and synthetic rubber.

Amine soaps are employed as emulsifying agents in polishes, camouflage paints, and textile specialties. Amines are also used in the production of dyestuffs, pigments, cement addition agents, rubber chemicals, and certain pharmaceuticals.

The research and development work done by Carbide and Carbon Chemicals Corporation with Amines has been repeated with the other families of aliphatic chemicals. Building with atoms and molecules, our chemists and engineers have synthesized many new chemicals, and have produced many others commercially for the first time.

Today we are producing more than 160 synthetic organic chemicals in commercial quantities. After the war these chemicals will be available for greater use by industry than ever before . . . and many new compounds with them.

BUY UNITED STATES WAR BONDS AND STAMPS

CARBIDE AND CARBON CHEMICALS CORPORATION
Unit of Union Carbide and Carbon Corporation
UCC
30 East 42nd Street, New York 17, N. Y.
PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison (ABC) *Published by Schnell Publishing Co., Inc.*

Vol. 146 No. 1 | New York 7, N. Y. | July 3, 1944

Industrial Preparedness War Program Urged

OPD Washington Bureau

A postwar preparedness program that would enable the nation to be ready at all times quickly to mobilize manpower and industrial capacity in the event of another emergency has been prepared by a special committee of the Army Ordnance Association and laid before its membership in the current issue of *Army Ordnance* out July 1.

The association said that the speed and scope of modern warfare require that our country, in all its activities, be strong at all times to meet its military and economic burdens immediately an emergency arises. The victor in another world war will not, necessarily, be the strongest nation, it was added, but the nation which can mobilize its strength without a moment of delay.

The special committee proposed governmental action along the following lines:—

1. A director of industrial mobilization, whose functions should be established by statute, who should report to the President. The director should prepare plans for all phases of economic and industrial organization necessary to supply the requirements of the armed

—*Continued on page 66*

Small Firms' Financing Worries U.S. Senators

OPD Washington Bureau

An investigation has been proposed in the senate by Senator Arthur Vandenberg of Michigan of the rules and regulations of the Securities and Exchange Commission which act or tend to curb financing of small business. Senator Vandenberg told the senate, as he introduced his measure (S. Res. 316) that, in his opinion, one of the subjects on the postwar calendar that has failed to receive adequate attention is the impediments that have been placed in the way of financing little business. He said:—

I think the testimony is highly convincing, and the experience of the country is persuasive to the thought that the existing rules and regulations of SEC are so ponderous and even so imponderable that the formation of small corporations has practically become a financial impossibility because of the burdens involved. Since on all sides we are putting our emphasis upon the necessity of encouraging small business, I think it is very essential that a study of this particular problem should proceed with the least possible delay.

An increase of $100,000,000 in the lending powers of the Smaller War Plants Corporation was voted by the senate, but the bill (S. 2004) failed to receive action in the house before the recess and it now goes over until August or September when Congress resumes sessions.

The present authority of SWPC to extend financial aid to small businesses is limited to $150,000,000. Senator Robert Wagner of New York, who sponsored the bill, said that the rate of loan applications had doubled and the corporation's capital resources would be exhausted in a short time.

RFC Loans for Ore Mining Is Asked

OPD Washington Bureau

Legislation directing the Reconstruction Finance Corporation to make loans on "reasonable security" for the mining of gold, silver other ores which are now or hereafter restricted by orders of the War Production Board has been introduced in the house by Representative Clair Engle of California.

The bill (H. R. 5092) states that, in determining what constitutes "reasonable security," the corporation need not look beyond the assets involved in the immediate mining operation, including the real and personal property involved therein, where it is reasonably certain that the proceeds from the development will result in repayment of the loans. Loans outstanding would be limited to a total of $25,000,000 under the bill.

Industry Advisory Group Head Named

Arthur J. McComb, of the Otis Elevator Company, has been appointed director of the Office of Industry Advisory Committee of the War Production Board, effective July 15. Mr. McComb will succeed John C. Whitridge, jr., of Darien, Conn., who has resigned after one and a half years with WPB to return to the International Business Machines Corporation.

Agricultural Science Convention Ratified

OPD Washington Bureau

A convention of the twenty-one American Republics providing that the Inter-American Institute of Agricultural Sciences be established on a permanent basis was ratified without reservation by the Senate June 22.

The purposes of the institute are to encourage and advance the development of agricultural sciences in the American republics through research, teaching, and extension activities. Plans include the organization of a faculty and to start courses and research work, open to students from all the Americas, for improvement of hemisphere agriculture and development of new crops.

Kearney Leaves Plant Industry Bureau July 1

OPD Washington Bureau

Dr. Thomas H. Kearney, principal physiologist with the Bureau of Plant Industry, Soils and Agricultural Engineering, will retire June 30 from the Department of Agriculture after fifty years of government service.

A well-known plant scientist, Dr. Kearney had participated in research which was the basis of the important American-Egyptian cotton industry.

Fertilizer Business by TVA Advocated by Florida Senator

OPD Washington Bureau

Legislation directing the Tennessee Valley Authority to study and report to Congress within six months a national fertilizer policy and program designed to increase the amount of fertilizer available to farmers, improve the quality, and lower the cost, was introduced in the senate June 23 by Senator Lister Hill of Alabama. The bill (S. 2035) was referred to the committee on agriculture for consideration.

Specific direction is given TVA to provide in the program for the completion of construction of a plant at Mobile, Ala., for the production of phosphatic fertilizers, and to give consideration also to the advisability of erecting other plants for utilization of Western phosphate and potash deposits and the Florida phosphate reserves. Studies also would be directed to providing for continued use of surplus War Department nitrogent plants for manufacture of phosphatic, potassic, and nitrogenous fertilizers, and particular attention would be devoted to devising a system of distribution which will insure availability of these fertilizers and materials to farmers at prices commensurate with costs of manufacture and distribution.

Committee Is Sympathetic

The bill marks another attempt on the part of Senator Hill to bring about construction of the Mobile plant which has been held up almost since the start of the war by the refusal of the War Production Board to grant priorities for materials. The senator has been severely critical of the WPB action in this respect on several occasions in the senate, declaring that adequate provision is not being made to increase the production of fertilizer so that farmers can meet their crop production goals even with the shortage of labor. Indications are that he will press for action on the measure, and the agricultural committee, being most sympathetic to all aids to the farmer, may be expected to favor the bill. Senator Hill has just been renominated by the Democrats in Alabama for another six-year term in the senate. His election in November is considered a foregone conclusion.

Under the terms of the bill TVA would be authorized to acquire by purchase, lease, or otherwise, sufficient strategically located phosphate lands in the Florida fields, either privately owned or in the public domain, to supply the Mobile plant and the authority's Muscle Shoals plant for a fifty-year period.

In order to improve and cheapen the production of phosphatic fertilizers and materials and to promote the widespread use of such products at low cost to farmers, TVA is directed to operate the Mobile plant for an interim period of not less than five years at as near full capacity as reasonably possible, and to distribute the production in this manner:—

Fifty percent shall be utilized to augment the authority's farm test demonstration program.

The remainder of such products shall be sold and distributed on a commercial basis with preference in sales given to bona-fide farmers' cooperatives.

From TVA to Cooperative

At the end of the five-year period, TVA would lease the plant to a bona-fide farmers' cooperative organization for a term not to exceed fifty years, upon the following terms:—

That the properties shall be used exclusively for the manufacture of phosphatic fertilizers and other phosphatic materials for agricultural purposes, and, where consistent, for the production or processing of by-products resulting from such manufacture.

That the lessee will keep the properties in first-class condition.

That the lessee will confine its sales of fertilizers and materials for agricultural purposes to farmers and farm cooperative organizations, except for sales otherwise authorized.

That sufficient supplies will be made available to the Office of Extension for use in demonstration programs.

The rental to be paid to the authority for use of the properties is to be fixed at such amount as appears suitable to carry out the intents and purposes of the act.

Fertilizer Price Rules Centralized

OPD Washington Bureau

The consideration of all but a few minor fertilizer raw materials into a single price regulation, with specific prices for sales to fertilizer manufacturers and governmental departments and agencies, has been announced by the Office of Price Administration in revised maximum price regulation No. 205.

The new revised regulation, effective July 5, 1944, will make it possible for fertilizer manufacturers to check maximum prices for all of the principal raw materials purchased by them by referring to one regulation. Previously, five price regulations affected the various products.

The general level of prices for the raw materials has not been changed, and no changes will result in the established prices farmers are presently paying for finished mixed fertilizers, OPA said.

The following general classifications of fertilizer materials are covered by the revised regulation: — chemical nitrogenous fertilizer materials, the major organic nitrogenous fertilizer materials, the several grades of superphosphate, and the several kinds of potash materials.

The consolidation of the materials into one regulation was accomplished by broadening the scope of Maximum Price Regulation 205, which governed maximum prices of sulphate of am-

—*Continued on page 66*

Chemical Selling After the War

By Dr. Bert Cremers

Wyandotte Chemicals Corporation

(Abstract of report to American Chemical Society)

A developing new science of distribution of heavy chemicals can do much to help achieve a wider, fuller scale of living in postwar years, one marked by many new products from laboratory testubes. The heavy chemicals, such as alkalies and chlorine, are used in thousands of different processes and products. They are basic chemicals. Dr. Bert Cremers of the Wyandotte Chemicals Corporation, Wyandotte, Mich, reports to the American Chemical Society.

The day of high-pressure persuasion and hit-and-miss methods no longer fits into modern selling and distribution, whether it be of heavy chemicals or cosmetics. Projected sales planning involves research, production, and purchasing. It must consider, broadly, depletion of raw materials, shifts in population, absolescence of certain products and entire industries, transportation, and wage levels.

Our basis for future selling, therefore, is planned distribution through scientific market reaserch, coordinating the factors that enter into successful marketing. And this new scientific approach to distribution and marketing offers a new field of opportunity for chemists.

We must anticipate and accept change, we must coordinate our efforts, we must plan soundly through proper market research, and we must be willing to fit our distribution program into the accelerated tempo of the postwar world. I am using the word, "world," in a broad sense, because it is our job to convert our wartime surpluses into peacetime goods for distribution in a worldwide market, and at the same time compete with the low labor cost of our foreign neighbors.

"If we can open this new great frontier and latent market for heavy chemicals and their derivatives; if we can accept the responsibility of raising the standards of living for the liberated countries; if we do our job in the reconstruction of the destroyed nations and the growth of their industries, then we are also doing the job that the boys who are making the sacrifices on our battle fronts have a right to expect from us.

"One challenge in heavy chemicals for the postwar years is the tremendous overproduction of caustic soda resulting from war demands for chlorine. Before the war, production was about 1,100,000 tons a year, but it recently has been estimated at 1,175,000 tons. The rapid growth of the rayon, soap, chemicals, and paper industries, with their consumption of caustic soda, may take up some of this overproduction.

There also is huge overproduction of chlorine—an estimated 1,600,000 tons annually now, as against 600,000 before the war—and the main relief will be found in release of chlorine to new users. With proper planning and a more scientific approach there is little danger of an industrial catastrophe's resulting from overproduction.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

June 30, 1944	June 23, 1944	July 2, 1943
136.4	**136.4**	**136.5**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

There was a bit more price activity in the markets for chemicals, oils, and drugs last week, and it stacked up with a deal of interest. OPA ceilings got into the heavy chemical realm—and resulted in a lower price average. Ceilings were put over gum rosin also, which had been riding boosts for some time. This loosened up the stocks held for higher prices, and their offering pushed prices down.

The upping was mainly a repetition with reference to pork fats. As a result the fatty oils average went above the 1943 level, but not so much as the essential oils average long has been. The general average was unchanged.

Prices were advanced on lard, rendered pork fat, barium carbonate, Jamaica ginger, and Portuguese rosemary.

Prices were reduced on gum rosins, gum turpentine, alphapinene, barium nitrate, iron-free aluminum sulphate, gentian, Jamaica and Mexican allspices, and Tahiti vanilla.

Beverage Alcohol Permits Issued

OPD Washington Bureau

Telegrams authorizing the release of distillers from industrial alcohol production during August were issued June 29 in accordance with the recent announcement of Donald M. Nelson, chairman of the War Production Board. Officials pointed out that two types of plants were involved in this release: registered distilleries normally associated in the public mind with production of whisky, and industrial alcohol plants that hold permits to sell high-proof spirits for beverage purposes.

The registered distilleries are the only type of plant permitted under the beverage alcohol regulations to produce whisky. Many of these plants can also make blending spirits. Under the program these plants will be released from their obligations to produce industrial alcohol for war purposes in August and will be free to produce such type of beverage spirits as they desire, within the limitations on raw materials. At the request of the War Food Administration, the distillers will not be permitted to use corn, grain, sorghums, or molasses.

The industrial alcohol plants, on the other hand, may produce high-proof alcohol for blending purposes or for the manufacture of gin, cordials, and the like.

In view of the fact that these plants make industrial alcohol required for important commercial uses, and because these companies were not wholly engaged in beverage spirit production before the war, WPB proposes to permit them to use up to 50 percent of their total August production, provided that the alcohol so released is produced without using corn, grain sorghums, or molasses.

War Requisition Power Extended to June, 1945

OPD Washington Bureau

Authority of the President contained in the second war powers act to requisition articles and materials necessary for the war effort was extended to June 30, 1945, when the senate and house gave approval to S. 1749. Under existing law this authority would have expired June 30, this year. The bill extends these powers for another year or until such earlier time as Congress by concurrent resolution or the President by proclamation may designate.

Florida Phosphate Rock Price Ceiling Raised

OPD Washington Bureau

An average increase of 20 cents a ton in producers' present maximum prices for Florida pebble phosphate rock was announced July 2 by the Office of Price Administration.

The increase, effective July 6, was granted by OPA following action of the National War Labor Board, with the approval of the Director of Economic Stabilization, ordering wage rate increases to most employees in the pebble phosphate rock mining industry in Florida.

The increase granted in producers' prices is the minimum necessary to keep all producers in operation, OPA said.

The increased cost of Florida phosphate rock to producers of superphosphate will require upward adjustment of prices for the latter. That adjustment will apply only at the wholesale level, OPA said, and will not be reflected in higher prices for superphosphate or mixed fertilizer sold to farmers.

Along with the increase in producers' prices for Florida pebble rock phosphate, OPA also announced a revision of the entire regulation covering phosphate rock, including Florida land pebble and hard rock and Tennessee brown rock. The revised regulation makes no changes in prices, except those previously mentioned; other changes made are for the purpose of simplication and clarification.

Petroleum Solvents Restrictions Eased

Conservation order M-150, controlling the distribution of aromatic petroleum solvents, was amended June 30 by WPB, to broaden the permitted uses of these materials. The ninety-two prohibited items in Schedule A of the order were reduced to thirty-eight.

The defiintion of Class A solvents was clarified by the addition of an initial boiling point of 165 degrees F. and of a dry point not in excess of 365 degrees F. within the definition of the order.

Three new uses, for which Class B solvents are permitted also are provided as follows:—(1) For final vinyl coatings on military orders only, where spray application is required; (2) for specification coatings (on military orders only), where the specifications state that the use of Class B solvents is required; (3) for brake linings, clutch facings and coated abrasives. Also permitted in Schedule B is the use of one drum a month of Class B solvents for any end use required in military orders.

Zinc Sulphide Pigment Control Restored

The titanium dioxide control order M-353 was modified June 30 by the War Production Board to extend its control to zinc sulphide, defined to mean any pigment containing more than 12 percent of zinc sulphide, including all the commercial grades of lithopone, but exclusive of luminescent pigments.

Under the terms of th order, all preference ratings below AA-2 are made ineffective and only those orders may be filed which are for military purposes or bear an AA-2 rating or better.

Zinc sulphide control previously was under M-128 which was revoked June 6. The supply situation is such, officials stated, that it has been found necessary again to regulate its distribution.

Fertilizer Distribution Control Liberalized

The fertilizer distribution control order, WFO 5, has been amended by the War Foods Administration to eliminate crop classifications and otherwise reflect prospects of larger fertilizer supplies in the new year.

Beginning July 1, all general crops may be fertilized with as many pounds of fertilizer per acre as are recommended by the appropriate state experimental station. There will be no A and B crop classes, as there have been this year.

Chestnut Extract Price Schedule Revised

OPD Washington Bureau

An upward adjustment of maximum price levels for chestnut extract, which will add some $600,000 a year to the costs of the tanning industry, was authorized July 1 by the Office of Price Administration. The action was taken by amendment 2 to MPR 352, effective July 6.

The new maximums for standard extracts on sales by manufacturers, f.o.b. plant, are established as follows:—

Standard Liquid Chestnut Extract
(25 Percent Tannin)

	—Per 100 lbs.— Tank-cars, tank-trucks	Bbls., c.l.	Bbls., l.c.l.
Champion Paper & Fiber Company	$2.41	$3.01	$3.26
Gardner Extract Company	3.10	3.70	3.95
Leas & McVitty	2.50	3.10	3.35
Mead Corporation	2.54	3.14	3.39
Rosman Tanning Extract Company	3.25	3.85	4.10
Charles A. Schieren Company	3.10	3.70	3.95
Teas Extract Company	2.95	3.55	3.80
All others	2.25	2.85	3.10

Standard Powdered Chestnut Extract
(65 Percent Tannin)

	—Per 100 lbs.— Bags, c.l.	Bags, l.c.l.
Champion Paper & Fiber Company	$6.92	$7.67
Gardner Extract Company	8.71	9.46
Leas & McVitty	7.15	7.90
Mead Corporation	7.25	8.00
Rosman Tanning Extract Company	9.10	9.85
Charles A. Schieren Company	8.71	9.46
Teas Extract Company	8.32	9.07
All others	6.50	7.25

For sales of special liquid chestnut extract, 25 cents per 100 pounds may be added to the above maximums. On sales by jobbers of standard or special liquid chestnut extract in barrels, $1.25 per 100 pounds may be added to the manufacturer's maximum carload barrel prices specified above for the particular material and supplier involved.

For sales of liquid chestnut extract containing more or less than 25 percent of tannin, for every 1 percent of tannin content less or more than 25 percent, there shall be deducted from or added to the basic price not less than, or not more than one-twenty-fifth of such price.

All prices on liquid extract include barrels when sales are made in barrels and no additional

—*Continued on page 60*

WPB Formulates Rules For Excess Materials

OPD Washington Bureau

A procedure has been established under which a person who has excess materials or products on hand may obtain permission to use such materials and products himself rather than sell them under the procedures for special sales, the War Production Board has reported.

The procedure applies (1) to controlled materials and Class A products and (2) to other materials and products. Rules governing controlled materials and Class A products are set forth in Direction No. 52 to CMP Regulation No. 1, while those governing other materials and products are contained in Direction No. 4 to Priorities Regulation No. 1.

Persons who have (1) controlled materials or Class A products which they obtained through the use of an allotment or (2) other materials or products which they obtained through the use of preference ratings, may apply to their nearest WPB field office for permission to use such materials for other purposes than those for

—*Continued on page 32*

Nitrogenous Materials Control Revised

Effective July 1, War Food Administration eliminated all restrictions for the acquisition and use of all organic nitrogenous fertilizer materials except edible oilseed meals.

The new order, WFO 105, replaces the older order WFO 12.

Oil, Paint and Drug Reporter, Vol. 146, No. 1, July 3, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

Table of Contents

News and Statistics

Aeby on National Board 4
Agricultural Science Convention 3
A.Ph.A. Meets Sept. 7 7
Balto. Drug Exchange Outing 55
Barium Chemicals Ceiled 3
Bonnell Amer. Paint. Corp. Pres 49
Boston BIMS Golf 60
Butyl Solvents July Allocations Off 51
Calco Gets Titanium Dioxide Works. 7
Carbide & Carbon Amines Data 60
Casein Allocations Liberalized 66
Central Chemical Has Fire 40
Chace to Retire 7
Chemical Salesmen Golf July 11 41
Chestnut Extract Price 4
Chemical Selling After the War 3
Clay Products Wage Rate Set 3
CMP Secondary Consumers Rules 32
Coke By-Products 43
Containers Available 4
DCAT Hears About Medic. Corp 7
Disabled Veterans Honored 60
Dodge Du Pont Ammonia Control Mgr. 43
Elk Hills Oil Pact Signed 7
Esso Gets "E" Award 32
Fats, Oils Allocation Authorized 3
Fertilizer Price Rules 3
Fertilizer TVA Project Advocated 3
F.W.D.A. Meets Sept. 14 40
Gannon to Manage Grasselli Office. 40
General Aniline Story Told 43
Glycerin Recovery Order Revoked 51
Green With Glyco Co 43
Heyden Chemical Co. Moves 55
Higgins Hercules Board Chairman 7
Hucks Heads Rubber Program 3
Industrial Preparedness Urged 3
Indust. Advisory Director Named 3
Isonipecaine Control Voted 7
Kearney Leaves Plant Bureau 3
Lard Restrictions Extended Again 48
Mathieson Adds Smith, Tarpy 41
M.C.A. Member Safety Code Com 32
Mestern Joins Paulsbo Co 49
Methanol Production:—April 52
Mines Depletion Rule Set 3
OPA Machinery Sellers 4
Packprod International Formed 43
Paint Consultant for Civilian Needs 3
Paisley Products Names LaBelle 43
Penicillin Inter. Standards Planned 7
Penick Names Two V.P.'s 58
Penna. Salt Cincinnati Office 41
Pepsodent Co. to Lever Bros 7
Pharmaceutical Ad Club Elects 60
Plastic Machinery Allocation 3
Pyrethrum, Rotenone Ceilings Up 40
Public Health Service Code OK 7
Raubenheimer Buys in Brooklyn 55
Renegotiation Rules Manual 7
Requisition Power Extended 4
RFC Ore-mining Loans Asked 3
Rosin Gum Prices Ceiled 47
Rubber Cutback Ordered 7
Sawtelle Swett's Root Beer Head 55
Schieffelin Forms 25 Year Club 54
Schering Names Waterman 54
Schoeck Treas. N. J. Standard 62
Small Firms' Financing Worries 3
Titanium Cartel Severance Sought 7
U. S. Agri. Research Assist. Resigns . 43
U. S. Revenue Up in April 32
Vitamin Sales Law Interpreted 7
Winthrop Chem. Marks 25 Years 52
W.P.B. Materials Rule 4

General Features

Bids Wanted 4
Current Market Quotations 9
Editorials 36
Imports 66
Obituaries 55
OPD Price Index 4
Scientific, Professional Services 62
Trade Briefs 43, 52, 55, 60

Market Reports

Botanical Drugs, Spices, Gums 57
Coaltar Chemicals 42
Drugs and Fine Chemicals 51
Essential Oils, Other Aromatics 59
Fertilizer Materials 63
Heavy Chemicals 39
Oils, Fats and Waxes 48
Petroleum Derivatives Materials 61
Protective Coatings Materials 45
Textile Leather Chemicals 44

Bids Wanted

Insecticide, Liquid:—One 55-gallon drum, Warden, Justice, Federal Reformatory for Women, Alderson, W. Va.; invitation 6-1490, opening July 10.

Insecticide, Liquid:—4,450 gallons, Commissioners, D. C., District Government, Washington (4); schedule 5705-A, opening July 10.

Paints:—General Purchasing Officer, The Panama Canal, Washington (25); schedule 7425, opening July 14.

Trisodium Phosphate:—2,000 pounds, Chief, Purchase and Supply Division, Fort Worth, Tex. Invitation RT7S-635, opening July 7.

Whey, Dried:—300,000 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-120, opening July 3.

OPA Extension Bill Signed by President

OPD Washington Bureau

The President signed, June 30 the OPA extension bill, which otherwise would have been terminated June 30.

Fats, Oils Allocation For Industry Authorized

The War Food Administration has authorized the use of 10,936 tankcars (60,000-pound capacity) of edible oils, including cottonseed, peanut, soybean and corn, by refiners and shortening and margarin manufacturers during July, August and September.

The new quarterly allocation includes 4,390 tankcars of cottonseed oil; 492 tankcars of peanut oil; 5,201 tankcars of soybean oil; and 853 tankcars of corn oil. Their use is divided as follows:—(1) for the manufacture of edible finished products for civilian use under quotas prescribed in War Food Order No. 42—9,952 cars; (2) for the Army, Navy, Marine Corps, War Shipping Administration, Allies and WFA purchases—800 cars, and (3) for industrial users—184 cars.

WFA has allocated tung oil and wool fat for June on the same basis as in May, which is 100 percent of

—*Continued on page 49*

Mines Depletion Rule Set by Revenue Bureau

OPD Washington Bureau

A decision of considerable importance to owners of mines with respect to the computation of depletion based on percentage of income derived from the metallic or nonmetallic substances produced, has just been handed down by the Bureau of Internal Revenue.

An opinion had been requested with respect to the proper test to be applied in determining, for depletion purposes, whether a mineral deposit should be classed as metallic or nonmetallic where a mine produces an ore containing substances which are susceptible to both metallic and nonmetallic uses, or where a mine produces both metallic and nonmetallic substances from the same ore body.

In some cases, the mineral property as a whole may have a greater value for nonmetallic purposes than for metallic purposes for the reason that

—*Continued on page 41*

Structural Clay Products Wage Rate Set

OPD Washington Bureau

Secretary of Labor Perkins has raised the pervailing minimum wage determination for workers in the structural clay products industry to 40 cents an hour under the provisions of the Walsh-Healey Public Contracts Act in order to make the minimum conform to the minimum rate under the Fair Labor Standards Act.

Heretofore the prevailing minimum wage dettermination under the Public Contracts Act was 34 cents an hour for that part of the industry located in the southern states. The increased minimum becomes effective with respect to all contracts for which bids are solicited or negotiations commended by the contracting agency on or after July 8.

Plastic Machinery Allocation Revised

OPD Washington Bureau

The War Production Board has revised the present method of allocation of plastics machinery by transferring control of new plastics molding machinery from order L-159 to general scheduling order M-293, WPB has reported. At the same time, order L-159, governing the allocation of new and used plastics machines was revoked, removing allocation controls from used plastics molding machinery, molds and fixtures.

Included in the group of new plastics molding machinery now allocated under the general scheduling order are the following types:—compression (automatic, hydraulic, mechanical), extruders, injection, liminators, laminating process (laboratory type) and preformers (excluding ceramic).

Hucks Heads Rubber Program for U.S. Gov't

W. R. Hucks, formerly manager of the raw materials division of B. F. Goodrich Company, has been appointed production manager for all the United States government's synthetic rubber plants. He has been with the operating division of Rubber Reserve Company, government agency, since 1942.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Congress is moving in the direction of making some rather extensive revisions later this year in the unemployment compensation law to soften the impact of the letdown in production on workers during the reconversion period. The subject is being pushed up to the No. 1 position on the program of the lawmakers when they return from their present politics recess.

No less than three major bills have been introduced in the senate, and, although differing in details, they have the same objective in view—broadening the coverage of the law, and raising the maximum of the benefits that can be obtained under it. The latter presents a problem that will need careful study because, if the benefits are raised too high, it may become more profitable to loaf than to work. This was pointed out in most emphatic terms by the postwar economic policy and planning committee of the senate in a special report filed just before the recess. One of the bills (S. 1893) would permit benefit payments to be made up to $35 a week to an unemployed worker. That is more than he would make at the rate of 80 cents an hour for a forty-hour workweek.

It is said that a choice between the two situations would be prevented by a requirement that the worker register for new employment. In times of severe labor shortage, this probably would be true; but in anything less than full employment, it is the diligent who find jobs, and one naturally not diligent certainly would not work forty hours a week if S. 1893 were law.

Aluminum Powder Controls

Controls over the distribution of aluminum powder and foil are due to be relaxed soon by the War Production Board but whether WPB will go as far as some have been led to believe, and the controls will be lifted entirely is open to much speculation. No one in WPB will say definitely just what is to be done, although they are under orders from Mr. Nelson to take off the controls if such a step is advisable.

The changes contemplated, however, are not calculated to apply to aluminum powder used for paint. These powders are controlled by order M-1-g, while aluminum foil and powder for other than paints are under M-1-i, which is the order that is under consideration for revision.

Recently a change was made in M-1-g so that the powder producers could sell to dealers without preference ratings until June 30 in order to allow dealers and distributors to build up their inventories. It did not change the enduse control over the powder, however. A check with officials just before the end of the month revealed that they had no plans for extending this period, and that, beginning July 1, a dealer would again have to have a preference rating to purchase the powder.

Bergamot Oil in Offing

Bergamot oil dealers and users can expect to see an easing of the supply situation in the not too distant future. No dates or even approximate dates can be given by Washington officials as to when this will occur, since the matter is entirely in the hands of the army and the first things come first in the matter of shipping materials back from the war areas.

But this much can be said, according to officials. A purchase of bergamot oil has been made by the military authorities in Italy. They don't know how much or what condition it is in or when it will get here. But a purchase has been made and it can be assumed that it will be put aboard a returning vessel sometime and brought to the United States.

U. S. Commercial Company will distribute the oil among established dealers and importers upon its arrival.

Tax Relief Studied

Studies have been started by experts at the Capitol and the Treasury Department on a revision of tax laws, both as they apply to individuals and to corporations, which can be put into effect when the war ends or sooner if the military situation permits this to be done.

Experts are approaching the subject with a view that the present high level of wages cannot be maintained in the postwar period; that the government will have to cutback its take from the payrolls of the workers; and that incentives should be provided corporations to produce and, particularly, to enable new enterprises to get started.

One thing that augurs well for a sensible program is that politics will play no part in the studies. The joint congressional committee working on the program is made up of an equal number of Republicans and Democrats. It's the first time that the subject of taxes has ever been approached on a bi-partisan basis.

Latin American Prices

A situation that has existed in Latin America because importers could charge any price they might choose for goods obtainable only from the United States or some other country is slowly being corrected. Brazil is taking steps to put ceiling prices on the sale of imported products, and other nations may be expected to follow along

Since the start of the war, it has been a picnic for Latin American importers. They have been able to gouge their customers right and left and when anyone kicked they would blame the high prices on American exporters when as a matter of fact our exporters can't ship anything out of the country except under price ceilings comparable to the domestic ceilings.

An example of what has been going on is the case of caustic soda. By the time this material reached Brazilian consumers they were paying 50 cents a pound for it. Soda ash is another example—it sold as high as 40 cents a pound. The Brazilian government has curbed this situation and a number of others. Ceilings on caustice soda and soda ash in Brazil are now 7½ cents and 6 cents a pound respectively. In all about thirty items are covered by the government's order, including woodpulp, steel plates and sheets, pipes, structural shapes, wire cables, barbwire, and coke.

Coumarone-Indene Control

WPB is thinking seriously of placing coumarone indene resins under allocation control, but can't quite make up its mind when to start it. Officials have been considering such control for some time with the idea of starting the program August 1, but a couple of snags have so held them up that they probably will not get to the allocation until September 1.

The officials say the supply situation in relation to demand is pretty bad. Priorities regulation No. 1 was supposed to keep demand in line with supply, but it hasn't done the job. Almost everybody has an AA-1 rating and there just is not enough of the material to fill all of them.

Army and Navy Stores

Any person or firm that uses the words, "Army" or "Navy," in the name of a mercantile establishment engaged in buying and selling surplus equipment of the two services would face an initial fine of $500 and subsequent fines of $1,000 for each conviction if a bill (H. R. 5080) now before Congress becomes law.

Representative Dave E. Satterfield of Virginia, who is sponsoring the proposal, correctly foresees a bad situation developing when the piles of army and navy surpluses begin coming on the consumers' market. Unless some action is taken soon corner stores will be springing up overnight seeking to capitalize on the terms, "Army" or "Navy," by leading the public into believing that these establishments have some direct connection with the services. They did it after

—*Continued on page 43*

Barium Chemicals Ceiled by OPA

OPD Washington Bureau

Specific dollars-per-ton prices have been issued for technical grades of barium carbon precipitated, barium chloride, and barium nitrate the Office of Price Administration has announced. The new prices are contained in a new maximum price regulation, effective June 27. The products were previously covered by the General Maximum Price Regulation, with prices "frozen" at March, 1942, "highs."

Production costs of carbonate and chloride have increased for a number of reasons since March, 1942, the base period under the General Maximum Price Regulation. Labor and fuel costs are considerably higher. On April 8, 1944, OPA raised the maximum prices of Georgia-Tennessee crude barite ore by an average of about $1.50 a ton, which amounts to a higher cost of approximately $2.25 for each ton of carbonate or chloride produced.

The new price for sales of carbonate by the producers who account for approximately 90 percent of total sales of the product, is $60 a ton, f.o.b. plant. A maximum price of $70 a ton, f.o.b. plant, is established for the high cost producer in order to aid in securing the necessary supply of carbonate.

A maximum price of $73 a ton, f.o.b. plant, is provided for all producers of chloride crystals. The price of anhydrous chloride remains unchanged at $105 per ton.

Prescribed differentials may be applied to prices of carbonate and chloride for sales of less-than-carload lots, and for sales in barrels.

The high-cost producer, Chicago Copper & Chemical Company, of the regular grade of barium nitrate, who

—*Continued on page 40*

OPA Rules on Exports Of Subsidized Products

OPD Washington Bureau

When a product is subsidized on the domestic market, but the subsidy is not paid or must be refunded on the exported part of the product, the exporter may add the amounts of the subsidy to his base price in figuring his maximum export price, the Office of Price Administration has announced.

This provision, effective July 5, 1944, is made, OPA explained, to compensate exporters for loss of subsidy payments on exported commodities.

When the export sale is made by the producer or processor who would be entitled to the subsidy if he sold domestically, he is allowed to increase his base price if he is unable to collect the subsidy on his export sale.

Domestic sales, whether to exporters or other purchasers, will be made at regular domestic prices. The producer or processor will receive the subsidy payment and the exporter will buy at the domestic price. If, however, the exporter is required to reimburse the government in the amount of the subsidy before he can export, he will be compensated for this reimbursement by today's allowed increase in his maximum export price.

The only commodities immediately affected by this action are dried prunes and raisins and dried beans. Any other commodities that are brought under the same subsidy arrangement will be similarly treated insofar as concerns export prices, OPA said.

The domestic regulation applying to dried prunes and raisins is being changed to make it agree with the above procedure. Formerly packers sold to exporters at non-subsidized prices. Now they sell at regular domestic prices but the exporters have to reimburse the government before the products leave the country. They then add the amount of this reimbursement to their domestic prices.

Civilian Requirements Paint Consultant Named

OPD Washington Bureau

Thomas G. Carr, vice-president and treasurer of the C. W. Haynes Laboratories, Inc., Springfield, Mass., has been appointed a consultant to the Office of Civilian Requirements of the WPB, in connection with paint matters. Mr. Carr is working primarily on problems that are expected to come up in the reconversion period. He is serving as a "dollar-a-year" man.

Fine Alcohol for Fine Products

COMMERCIAL SOLVENTS
Corporation
17 East 42nd Street, New York 17, N. Y.

Sales Offices

BOSTON
50 Terminal St., (Charlestown)
Telephone: Charlestown 1140

CHICAGO
1817 W. Fullerton Ave.
Telephone: Lincoln 7121

CINCINNATI
49 Central Avenue
Telephone: Main 5139

CLEVELAND
1200 W. Ninth St.
Telephone: Cherry 2694

DETROIT
1900 E. Jefferson Ave.
Telephone: Fitzroy 2414

NEW ORLEANS
P. O. Box 1530
Telephone: Uptown 0027

NEW YORK
17 East 42nd Street
Telephone: Vanderbilt 6-1600

PHILADELPHIA
1600 Arch Street
Telephone—Bell: Rittenhouse 5931-32
Keystone: Race 7633

ST. LOUIS
818 Olive Street
Telephone: Chestnut 9656

SAN FRANCISCO
110 Sutter Street
Telephone: Exbrook 1611

Sales Agents

BALTIMORE, MD.
William McGill
311 East Falls Avenue

DALLAS, TEX.
Roy A. Ribelin Distributing Co.
1100 Cadiz St.

DENVER, COLO.
Chemical Sales Company
1125 Seventh Avenue

GRAND RAPIDS, MICH.
Krekel-Goetz Sales & Supply Co.
302-303 Houseman Bldg.

KANSAS CITY, MO.
John T. Kennedy Sales Co.
Southwest Blvd. and 26th St.

LOS ANGELES, CALIF.
Pitts & Loughlin
718 East 60th Street

LOUISVILLE, KY.
Thomas H. Gillessey
1278 Bassett Avenue

PORTLAND, ORE.
Van Waters & Rogers
2133 N. W. York St.

ST. PAUL, MINN.
Worum Chemical Company
794 Hampden Avenue

SEATTLE, WASH.
Van Waters & Rogers, Inc.
4000 First Ave., South

SPOKANE, WASH.
Van Waters & Rogers, Inc.
809 Washington Street

WINSTON-SALEM, N. C.
Milton B. Cash
110 Reynolds Bldg.

Vitamin Sales Law In N.Y. Interpreted

New York Attorney General Nathaniel L. Goldstein, in answer to a communication from New York State Board of Pharmacy asking for an interpretation of the pharmacy education law as to whether vitamin products in concentrated form, that is pills, tablets, capsules, and drops, come under the classification of drugs, as provided in article 51, education (pharmacy) law and whether their sale was restricted to places licensed by the New York State Board of Pharmacy stated:—

For the purposes of this inquiry, we are restricted to the definitions of "drugs" as found in subdivision 15 of section 1350 of the education law, which reads:—

15. "Drugs" means (1) articles recognized in the official United States pharmacopoeia, official homeopathic pharmacopoeia of the United States, or official national formulary, or any supplement to any of them; and (2) articles intended for use in the diagnosis, cure, mitigation, treatment, or prevention of disease in man or other animals; and (3) articles (other than food) intended to affect the structure or any function of the body of man or other animals; and (4) articles intended for use as a component of any article specified in clause (1), (2), or (3); but does not include devices or their components, parts or accessories.

Attorney General Goldstein held that:—

(1) Those concentrated vitamins, which are articles specifically recognized in the official United States pharmacopoeia, the official homeopathic pharmacopoeia or the national formulary, or any supplement to any of them, are drugs, the retail sales of which are restricted to pharmacies, drug stores and stores required to be registered under Article 51 of the Education Law.

(2) Whether concentrated vitamins, even though not so recognized, are drugs whose retail sale is similarly restricted depends upon whether you determine that they are intended for the uses or to effect the purposes set forth in the second and third clauses of subdivision 15 of section 1350 of the education law.

In view of the apparent tremendous increase in recent years in the use of the public of concentrated vitamins, I deem it necessary to emphasize that, in reaching my conclusions, I have not treated the question of the effect, beneficial, harmful or otherwise, of the use of such vitamins. The only question before me is the interpretation of the regulatory provisions of a statute governing the sale of drugs, as defined therein, at retail. A similarity exists here, as to the application of the statute, with other articles in common usage, such as aspirin and milk of magnesia.

A.Ph.A. to Meet In Cleveland Sept. 7-9

The 92nd annual meeting and war conference of the American Pharmaceutical Association will be held at the Hotel Cleveland, Cleveland, Ohio, September 7 to 9. Affiliated organizations, including the American Association of Colleges of Pharmacy, the National Association of Boards of Pharmacy, the American College of Apothecaries, the American Society of Hospital Pharmacists, the Conference of Law Enforcement Officials, and the Conference of Pharmaceutical Association Secretaries, the American Institut of the History of Pharmacy, and various fraternities will hold their meetings in conjunction with the A.Ph.A.

The 1944 meeting has been streamlined to the greatest possible degree and yet provides sufficient time for the consideration of the various war and post-war problems faced by pharmacists. General sessions of the association and meetings of the house of delegates and the council and one session of the sections will be held.

Pepsodent Co. Acquired By Lever Bros. Co.

The Pepsodent Company, dentrifice manufacturer, has been acquired by Lever Bros. Company, soap manufacturers, it has been announced jointly by Francis A. Countway, president of Lever Bros. Company and Charles Luckman, president of Pepsodent. The Pepsodent Company will be operated as a separate division of Lever Bros. and will continue under the direction of Mr. Luckman as president. Its headquarters and plant will remain in Chicago.

Renegotiation Rules Compiled in Manual

OPD Washington Bureau

The renegotiation regulations issued by the War Contracts Price Adjustment Board have been compiled in a loose-leaf manual, publication of which was announced by the Superintendent of Documents June 27. As published, this manual contains about 275 pages, it will be supplemented from time to time as new regulations are issued or existing regulations are revised.

The manual, with twelve monthly supplements as issued, is offered at a price of $2, prepaid to the Superintendent of Documents, Government Printing Office, Washington 25.

Rubber from Petroleum Cutback Ordered

OPD Washington Bureau

A cutback in the August production of synthetic rubber from petroleum to release some 400,000 barrels of butylene for the manufacture of 100-octane aviation gasoline was ordered by Rubber Director Bradley Dewey this week when military authorities found that the attack on the European continent was absorbing more aviation fuel than anticipated and stocks in the war theatre were becoming depleted.

The action was followed by a hurried conference called June 29 by Petroleum Administrator for War Ickes of the refiners of 100-octane gasoline at which Army and Navy officials emphasized the necessity of stepping up production of aviation fuel in order that stocks may not only be replenished but inventories built up to levels over previous estimates so that there will be no recurrence of the present situation in the future.

The reduction in August output of synthetic rubber will mean a cut of about 30,000 tons in the month's production, but will provide an additional 1,000,000 barrels of gasoline for military needs. It will not mean any reduction in the planned production of tires and other products, however, it was explained by Mr. Dewey, since the bottleneck here is manpower rather than raw materials.

All of the butylene to be diverted from the rubber program will be used before September 1, on which date the petroleum plants will go back on their regular schedule. At the present time, 60 percent of the synthetic rubber production is from alcohol and

—Continued on page 32

Elk Hills Oil Drilling Pact Signed

OPD Washington Bureau

President Roosevelt has approved agreements under which production of oil from the Elks Hills Naval Petroleum Reserve in California will be more than quadrupled to care for rapidly expanding petroleum needs in the Pacific war theatre.

The two new agreements, both of which are with Standard Oil Company of California, were, immediately following the President's approval, executed by the Secretary of the Navy under the authority of legislation recently passed by Congress.

Coincidental with the President's approval of the contracts, the Navy announced that an intensive drilling program would be started at Elk Hills and that some 300 wells would be added as soon as possible to the 234 wells already in production there. The Navy has received word from the San Francisco headquarters of the Standard Oil Company that approximately 12 strings of tools would be moved immediately to Elk Hills and that further drilling would be carried forward as rapidly as additional materials and crews became available.

Under a Joint Resolution of Congress approved by the President on June 17, 30,000,000 barrels of petroleum are authorized to be produced from Elk Hills during the next 18 months, and the present production rate of 15,000 barrels per day is to be increased to 65,000 barrels daily.

Board Chairman

Charles A. Higgins, president of the Hercules Powder Company, Wilmington, Del., has been elected chairman of the board.

Titanium Cartel Severance Sought

OPD Washington Bureau

A civil complaint seeking to enjoin three American chemical companies from "continuing a worldwide network of agreements controlling the titanium industry" was filed in the District Court for the Southern District of New York June 24 by the Department of Justice. Named as defendants are:—

The National Lead Company, its subsidiary, Titan Company, and E. I. duPont de Nemours & Co.

In its complaint the government is asking compulsory royalty-free licensing of all patents utilized in carrying out agreements which, it is alleged, have established a complete monopoly of patents in the titanium industry and have allocated world markets to certain companies in various countries. The government is also asking an injunction against renewal of the cartel agreements.

The same three defendant companies and four of their officers were indicted by a Federal grand jury in New York on June 28, 1943, on charges of creating a worldwide cartel in titanium compounds in conspiracy with German, British, Italian, Japanese and other foreign chemical companies.

The complaint charges that after the outbreak of the present war, National Lead and Titangesellschaft, in order to prevent the possible seizure of their respective patents in the United States and Germany as enemy property, transferred their patents to each other, but otherwise kept in effect all of their agreements under the cartel. The power of the cartel was sufficient to impose a scheme of restrictive production upon other American producers, that in one instance compelled two companies to accept licenses, under the threat of patent infringement suits, which restricted them to a maximum output of no more than 9,000 tons of titanium compounds a year.

Calco Acquires Titanium Dioxide Facilities in Va.

The Calco Chemical Division of the American Cyanamid Company has announced the acquisition of the titanium dioxide manufacturing facilities of the Virginia Chemical Corporation, Piney River, Va., from the Interchemical Corporation. This organization, formerly a part of the United Color & Pigment—Interchemical Corporation setup, now becomes a unit of the pigment department of the Calco Chemical Division with J. Allegaert as manager and A. B. Hettrick as resident manager of the Virginia operation.

Ed. Chace to Retire

Edward M. Chace, head of the fruit and director of the fruit and vegetable laboratory in Los Angeles for the United States Department of Agriculture, will retire July 1. He has been in the Federal service for forty-two years. He is seventy years of age.

Penicillin International Standardization Planned

OPD Washington Bureau

An international conference to devise standards for penicillin that will be recognized universally by consuming and producing countries and thus enable all producers to compete on an equitable basis in the world market for the new drug is reported here to be under consideration.

The conference probably will be held in England some time within the next two months, it is expected. It will be headed by Sir Henry Dale, president of the Royal Society and chairman of the recently organized British Penicillin Committee. Representatives of the United States, it is expected, will include delegates from the United States Department of Agriculture—doubtless Dr. R. D. Coghill, of the Northern Regional Research Laboratory—the Food and Drug Administration, and perhaps the National Research Council. The U.S.P. revision committee doubtless will also participate.

In the meantime, it is reported, the planned meeting of the U.S.P. revision committee on pharmacopeial standards for the drug will be deferred, awaiting the outcome of the international conference. The revision committee had planned to meet here April 29, but postponed the session without setting any future date.

The desirability of establishing universal standards for penicillin is be-

—Continued on page 54

Public Health Service Codification Approved

OPD Washington Bureau

The Bulwinkle bill (H. R. 4624) to consolidate and strengthen the laws relating to the United States Public Health Service was on the President's desk awaiting his signature this week following its passage June 23 by the senate and house with amendments meeting objections which had been raised against some of its provisions by the drug manufacturing industry.

Two important changes were made in the measure just before passage. One amendment eliminated the uncertainty as to whether jurisdiction over manufacture of biologicals shall remain with the Public Health Service, and the other eliminated a requirement that biologicals meet standards of efficaciousness.

As originally proposed, the bill provided that persons and products controlled by the act shall also be subject to the provisions of the Federal food, drug and cosmetic act, except in the case of new drugs. To the industry

—Continued on page 54

Isonipecaine Control Voted by Congress

OPD Washington Bureau

The Doughton bill (H. R. 4881), amending the internal revenue code, narcotic drugs import and export act, and the tariff act of 1930 to place the same controls over the manufacture and distribution of isonipecaine as are now imposed on opium and other narcotics was passed by the Senate June 22 without amendment.

The legislation had been requested by the Treasury Department because the drug, a comparatively new product, is habit forming and in the interest of the public should be under strict governmental control. The bill is now before the President for his signature.

DCAT Hears About Medical Corps Work

Officers who have been in the actual field of combat vividly related the activities of the United States Army and Navy Medical Corps at a luncheon meeting June 30 of the Drug, Chemical and Allied Trades Section of the New York Board of Trade at the Hotel Pennsylvania.

Brig. General Frederick A. Blesse, Medical Corps, United States Army, spoke extemporaneously of his personal experiences in North Africa caring for the wounded. The naval side of the medical picture was presented by Commander H. A. Gross, Medical Corps, United States Navy, now executive officer of U. S. Fleet Hospital.

Mr. Jones

successor to Cleopatra

No one ever called Mr. Jones handsome, but women by the hundreds of thousands have lost their heads over his "line," *that is,* his line of beauty preparations.

Why *his* brand in preference to his competitors'? Because "Jonesy," *like Cleopatra,* realized that there was sales magic in an unforgettable fragrance.

In brief, Jones turned to the Essential Oil Industry to odor-style his line. The result – beauty preparations with more positive odor personality, more sales appeal, more definite product identity.

Today, hundreds of enterprising Joneses look to MAGNUS, MABEE & REYNARD, INC., *one of America's great suppliers of Essential Oils and Basic Perfume and Flavor Oils* to provide countless products: powders and paints, pickles and pate de foie gras, lollipops and lipsticks, pills and pest killers with the spark of odor or flavor personality necessary to build consumer preference.

Apparent, as manufacturers gird for the inevitable scramble for post-war markets, are *new, sales-stimulating* uses of Essential Oils. A cod liver oil tablet manufacturer uses a flavor oil to mask the former sales-retarding "fish" taste of his product. A writing ink maker gives his product a floral scent to intrigue female buyers. A magazine of the great outdoors plans to print on pine-scented paper with deodorized ink. A glue manufacturer readies a de-smelled adhesive. A shoe polish producer plots the promotion of a pleasantly perfumed shoe milk.

For producers who perceive, *in the medium of Essential Oils,* new sales horizons for products of today . . . *and tomorrow,* MM&R laboratory technicians offer their cooperation. This service is complimentary.

M&R MAGNUS

MAGNUS, MABEE & REYNARD, INC.

QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, BASIC PERFUMES, FLAVORING MATERIALS . . . SINCE 1895

16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO

San Francisco: Braun, Knecht, Heimann Co. • Los Angeles: Braun Corp. • Seattle, Portland, Spokane: Van Waters & Rogers, Inc. • Canada: Richardson Agencies, Ltd., Toronto.

Current Market Quotations Chemicals and Related Materials

June 30, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matter under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
dms. .....lb. .42 - —
kgs. .....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms. .....lb. .38 - .40
kgs. .....lb. .35 - .36
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., dlvd. E.[6]..lb. .08 - —
l.c.l., dlvd. E.[6].....lb. .08½- —
tanks, divl. E.[6].....lb. .07 - —

[6] OPA ceiling for East; Western ceiling, ½c. per lb. higher.
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1,6] com'l, or redist., 28%, bbls....100 lbs. 3.38 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
glacial, nat., CP, cbys.100 lbs.13.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth, CP, dms., works.....100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - —
USP, dms., works.100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.
Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54
Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.
Adipic, fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .22
Ascorbic,[1,6] USP, 30-kilo lots, dms..kilo.27.00 - —
10-kilo lots, dms.....kilo.27.35 - —
2½-kilo lots, dms.....kilo.27.70 - —
1-kilo lots, dms.....kilo.28.41 - —
500-gram lots, bots.....kilo.29.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up...lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betanaxynaphthoic, bbls., f.o.b. works..lb. .95 - —
Boric,[3] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse...ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., works, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broeners, bbls.....lb. 1.11 - —
Cacodylic, 5-lb. bots.....lb.22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., dms., returnable, lb. .21½- .22
Caprylic, tech., dms., returnable, lb. .27 - .27½
Castor oil,[5] split, dms., ret...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04¼
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼
Cinnamic, ref'd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l...lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots.....lb. .23 - .24
kgs. .....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,5] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,5] s.d., dms., c.l...lb. .12 - —
tanks, dlvd.....lb. .14¼- —
Cresylic,[2,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis..gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal. ref...gal. .510 - —
Sewaren, N. J., ref..gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref..gal. .676 - —
1-19 dms., Cal. ref...gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Mo..osulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.15
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, conc., cbys...lb. .35 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila...lb. .084 - —
tanks, works, basic acid content..lb. .08½- —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more., lb. .24¼- —
1 to 4.....lb. .24¾- —
lb. .24¼- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.....100 lbs. 6.30 - —
l.c.l., bbls., works...100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.....100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms.....lb. .20 - .20½
Laurostic, bbls.....lb. .45 - —
Linseed oil,[5] light, dms....lb. .21¼- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric units...lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks.
Naphthenic,[6] 210-220 acidity, dms. extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amides (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. 13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11½- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[5] white, dist., dms.lb. No stocks.
tanks .....lb. No stocks.
Paraminobenzoic, cns...lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankdagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¼- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys., works...lb. .10¼- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E.gal. .30 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l...lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,5] s.d., dms....lb. .16½- .18½
tanks, works.....lb. .11 - —
Stearic,[1,5] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .14¾- .15¾
triple press, bgs.....lb. .18¼- .19¼
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys. lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.00 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., dms., primary distributors, lb. .34 - .35½
producers .....lb. .33 - —
Adeps lanae, hyd., dms., primary distributors..lb. .32½- .34
producers .....lb. .32 - —
Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.
Agar,[5] .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] cryst., powd...lb. 1.85 - 1.93
granular .....lb. 1.80 - 1.88
tech., cryst., bbls.....lb. 1.65 - 1.75
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l. frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. E...lb. .1980- —
l.c.l., frt. alld. E....lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12½- —
tanks, frt. alld. E.....lb. .10¾- —

[6] Normal butyl alcohol prices West, ½c per lb. higher.
secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,5,6] CD14, dms., c.l., dlvd. E..gal. .54½- —
19 dms., works, E...gal. .56½- —
1 to 18 dms., works, E..gal. .59½- —
tanks, E., dlvd.....gal. .50 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E..gal. .62 - —
1 to 18 bbls., works, E., gal. .65 - —
tanks, E. works.....gal. .48 - —
CD23G (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61½- —
19 bbls.....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49¼- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works..gal. .69 - —
tanks, E. works.....gal. .50½- —
When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.
Special solvent, dms., c.l., works..gal. .53½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone,[6] acetone-free, dms c.l., dlvd..lb. .11½- .14¼
l.c.l., dlvd.....lb. .11¾- .16
tanks, dlvd.....lb. .10½- .13¼
tech., dms., c.l., dlvd.....lb. .11 - .13¾
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12¾
Ethyl,[6] 190 pf., dms., c.l...gal.17.64½- —
19 dms.....gal.17.68 - —
1 to 18 dms.....gal.17.71 - —
tanks .....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65¼- —
1 to 17 dms.....gal.18.68½- —
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0680- —
tanks, works.....lb. .0760- —
Isopropyl,[2,6] refd., 91% dms., 5 gals., dlvd..gal. .66¼- —
55 gals., c.l., dlvd....gal. .39 - —
l.c.l., dlvd.....gal. .43¾- —
tanks, frt., alld.....gal. .34 - —
99% dms., 5 gals., fiber-pack, .55 - —
55 gals., c.l., dlvd...gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt., alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.60
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63
Propyl, normal, dms., wks..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

Alcohol, tetranydrofurfuryl, dms., c.l., Waverly, N. Y. lb. .40 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18½- .19
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .82½- —
l.c.l., works.....gal. .84½- —
tanks, works.....gal. .79½- —
Alphaterpineol, dms., c.l., works.....lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd. N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd. N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., works.100 lbs. 4.25 - —
dlvd., N. Y., Phila..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phila..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phila..100 lbs. 4.65 - —
Alum potash, chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[2] com'l, dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[2] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point.....lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works .....lb. .17¾- —
contract, works...lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate)
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .28
Naphthenates, 1.7%, Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works....100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Aluminum, 98-99%,[2,3,4] c.l....lb. .15 - —
l.c.l. .....lb. .16 - —
paste,[5] lining, extra fine, 200-lb. dm..lb. .56 - .62
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .38 - —
grade B, 250-lb. dm.....lb. .36 - —
powder,[6] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
grade B, 275-lb. dm.....lb. .57 - —
rubber comp., 200-lb. dm..lb. .40 - —
unpolished, stand., 250-lb. dm., lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1 499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.13.50 -14.00
Aminomethylpropanol, cns., dms., works..lb. .59 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots. .....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald., ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bichromate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Ammonia borate, gran., bbls., kgs..lb. .1080- —
powd., bbls., kgs....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....b .08¼- .09¼
powdered, tc. per lb. higher.....c .14¼- .17¼
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs., lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, agua).
Hypophosphite, NF, dms...lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, bgs., works..ton.46.00 - —
tech., bgs., works....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .08 - —
yellow, 35%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works...
l.c.l., same basis..100 lbs. 5.50 - 5.75
white, gran., bbls., c.l., works 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalenes, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10¼- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .29 Nom.
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .20 - .20½
Turkish, bgs.....lb. No stocks.
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works. lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs...lb. .18½- —
Chinese, black, 70%, cs...lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .30 - .35
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentina port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 3.40 - 3.60
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis....ton.44.00 - —
6D, bgs., same basis....ton.33.00 - —
7D, bgs., same basis....ton.28.50 - —
7F, bgs., same basis....ton.26.50 - —
7H, bgs., same basis....ton.22.50 - —
7K, bgs., same basis....ton.19.00 - —
7M, bgs., same basis....ton.16.50 - —
7R, bgs., same basis....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y..ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitute, bgs., l.c.l., refinery, N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340 F. fusing point, bgs., mines..ton.32.90 - —
290-295 F. fusing point, bgs., mines..ton.30.50 - —
270 F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390 F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330 F. fusing point, not uniform, bgs., mines, ton.25.50 - —
Jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, refd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton.73.00 - —
l.c.l., same basis....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works...lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls..... .....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, bulk, mines.....ton. 8.00 - —
Bauxite,[6] bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bayberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works. gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....oz. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works. lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works lb. 51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Bismuth oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphurcarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Trioxide, powd., bots.....lb. 3.71 - 3.76
cns. .....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld East..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l., same basis..lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast prices are 1½c. higher ex dock or whse.

Carbon,[6] heads, comp., bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07¼- —
regular uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works... .....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .06
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls..lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[1,6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 3.00
Blood,[1] dried, 16-16½% ammon., bgs., unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls. .....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. River including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80% bbls., same basis..lb. 3.30 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis..lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis, lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, tungstic..lb. 4.00 - —
molybdic .....lb. 3.50 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
Job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] tungstic, bbls., lb. 3.30 - —
molybdic, bbls..... ....lb. 3.15 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).

OPD—7-3-1944

Acids

★

CITRIC

LACTIC

MALIC

PHOSPHORIC

TARTARIC

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

lone, raw, bulk, Chicago....ton.57.50 -65.0
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see under D).
loneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[3] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., frt. alld....ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $1½ per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35

Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb 1.42 - —
Bromstyrol .....lb 4.50 - 5.00
Bronze powder, aluminum (see Aluminum), gold, litho., cns., dms., works lb .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .87 - 1.20
radiator, cns., dms., same basis..lb .45 - .50
Broomcorn, bls.....lb. .13 - .15
Brown,[4] iron-oxide, pure, precip., cks., works..lb .12 - —
metallic, bbls., c.l., works.lb. .02½- —
Bug, crystals, works .....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03⅜- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works.lb. .03⅜- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, Amer., bbls., works.lb. .03¾- —
Italian type, bbls., works. lb .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
f.o.b. St. Louis, Chicago, Indianapolis, New Orleans.lb. .05¼- —
Kansas City.....lb. .05¾- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
f.o.b. ex car, Los Angeles, Portland, San Francisco, Seattle..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works.lb. .09 - —
special, bbls., same basis..lb. .12 - —

Brucine, 100 oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Bryonia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls. .....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1,6] ferment, 111., Ind., prod., dms., c.l., frt. alld. E. of Miss. R..lb. .1895- —
l.c.l., frt. same basis. lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms.....lb. .26¼- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref'd, dms., works..lb. .25 - —
tech., dms., works.....lb. .29 - —

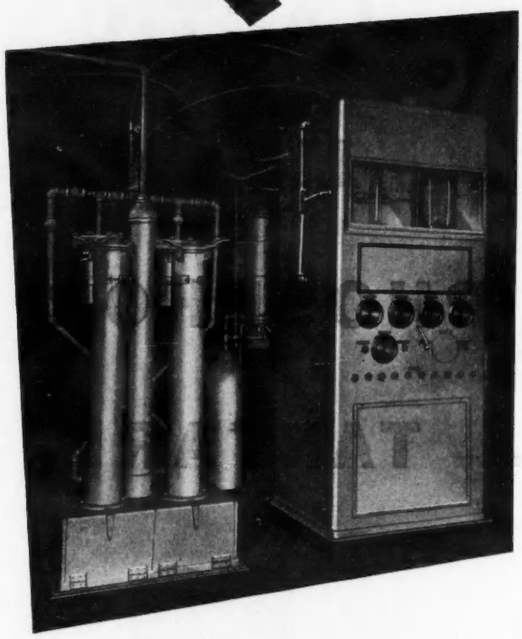
Butyl phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31¼
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cans .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat. shapes, cs., dlvd. lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow)
Caffeine,[1,6] dms., makers, primary distrib., 100 lbs. or more..lb. 2.80 - 2.98
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.06
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
citrated, dms., makers, primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.80
Hydrobromide, bots.....lb. 5.29 - 5.87
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07½- .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1,5] dms., works....ton.50.00 - —
dms., dlvd., c.l.....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd..ton.18.56 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50
73-75%, dms., l.c.l., 15 tons, dlvd..ton.21.45 -25.45
5-ton lots.....ton.28.45 -40.95

Calcium chloride prices vary according to zone; min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.

Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Hypophosphite, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs. dms., lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, dense fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -13.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .12¼- .19½
Calcium-strontium-sulphide, phosphorescent, dms., works, frt. alld..lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[3] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.19
Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .70 - .71
Syrian, dewhiskered, bgs....lb. .66 - .67
Spanish, dewhiskered, bgs..lb. .68 - .70
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis.. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb .06 - .08
Tetrachloride,[1,6] Zone 1, 52½-gal. dms., c.l., frt. alld... gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —



CHLORINE DIOXIDE now available to industry

2½ TIMES MORE POWERFUL THAN CHLORINE

Through Mathieson's new chlorite-chlorine process, this powerful oxidizing and bleaching agent is now available to you.

Already proven to have remarkable values, chlorine dioxide opens new opportunities for definite processing improvements:

- *in water treatment to remove tastes, odors.*
- *in checking blue mold in citrus fruits.*
- *in the processing and bleaching of starch.*
- *in multiple bleaching of flour.*
- *in bleaching of soap, paper, textiles and other materials.*

Controlled amounts of chlorine dioxide, without chlorine contamination, are secured by a safe and simple reaction. Equipment consists of a small generator filled with flaked commercial sodium chlorite and equipped with measuring devices for accurate control of chlorine and air flow. You simply generate chlorine dioxide as needed:

$$\underset{\text{sodium chlorite}}{2\ NaClO_2} + \underset{\text{chlorine}}{Cl_2} \longrightarrow \underset{\text{chlorine dioxide}}{2\ ClO_2} + \underset{\text{salt}}{2\ NaCl}$$

Our technical service department will be glad to furnish information on the use of chlorine dioxide in your particular operations.

Mathieson CHEMICALS

THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC SODA . . . SODA ASH . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . AMMONIA, ANHYDROUS & AQUA . . . HTH PRODUCTS . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS . . . SODIUM CHLORITE PRODUCTS . . . SODIUM METHYLATE

Carbon tetrachloride, Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .64
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, cs.....lb. 1.30 - 1.40
decorticated, cs.....lb. 1.00 - 1.10
green, Alleppey, bgs.....lb. .70 - .75
Ceylon, cs.....lb. 1.00 - 1.05
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carrol, bots.....lb. 22.50 -23.00
Cascara sagrada bark, bulk....lb. .31 - .32
Case hardening mixture, 30%, gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 bgs. or more, ship't point..lb. .24 - —
20 to 99 bgs., same basis..lb. .24¼- —
less than 20 bgs., same basis..lb. .24¾- —
rennet-precip., bgs., 100 bgs. or more, same basis..lb. .25½- —
20 to 99 bgs., same basis..lb. .25¾- —
less than 20 bgs., same basis, lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18½- .19
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½- .21
Cassia,[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton. 75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works.... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb. 12.50 -13.00
synth, bots.....lb. 19.00 - —
Catechol, CP, cryst., works, flb. dms., tins..lb. 2.25 - 2.40
resublimed, frt. alld. E. of Miss. dms..lb. 3.50 - —
Catnep, bls. .....lb. .27 - .28
Celery seed,[1] Indian, bgs.....lb. .19½- .20
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis..lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works, kgs. works .....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02⅞- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —
Chamomile, Hungary type, cs..lb. .50 - .60
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers: plants in South..ton. 30.20 - —
l.c.l., same basis.....ton. 41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[4,6] clarif., 25%, bbls., c.l., works..lb. .0285- .0370
tanks, works.....lb. .0225- .0310
powdered, 65% tannin.....lb. .0665 - .0715
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works.ton. 12.50 - —
Import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 -24.00
powd., cks., l.c.l., ex whse.. ton. 41.00 - —
Chloral hydrate, jars.....lb. .96 - .96
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[3,6,8] liquid, cyls., c.l.lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs. 2.00 - —
2 wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms .....lb. .30 - .33
Chloropicrin, corr'l, 150-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. .....lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton. 16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bot.....lb. 6.03 - 6.09
Cinchona bark,[6] red, qu'l, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .12¼*
sulphate, NF, cns., 100 ozs..oz. .89 + .13¼*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs.oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, bots.....lb. 3.70 - 3.80
tins .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.80
Cinnamon,[2] Ceylon, 2, bls....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .36 Nom.
Citral, bots., cns.....lb. 2.35 - 4.75
Citrine ointment,[2] jars.....lb. .91 - 1.13
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Zanzibar.....lb. .19½- .20
Clover tops, red, bgs.....lb. No prices
Coaltar, coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l. works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bb's, c.l., works...bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works... .....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l. works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Cobalt hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms.....lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleat bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs...lb. 1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.

Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls.....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns. .....lb. .23 - .29½
flexible, USP, dms.....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls....lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,6,8] electrolytic.....lb. .12 - .12¾
Naphthenate, 6%-8% Cu, 50-gal dms..lb. .15 - .17
Nitrate,[6] tech., cryst., bbls..lb. .16¾- .20
Oleate, precip., bbls.....lb. .22½- .29½
Oxide,[6] black, bbls., works..lb. .19 - .28
red, com'l, kgs.....lb. .20 - .22
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16
Sulphate,[1,6] 99% cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs, in dms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs. 10.95 - —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
bbls., c.l., works.....ton. 20.00 - —
l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. No stocks
Cornsilk, bls.....lb. .24 - .25

SOLVAY*

...KEYED TO TODAY AND TOMORROW!

M 25—TANK CARRIER! Packed with power, this new truck and trailer tank recovery unit can be used to carry tanks into battle and remove them for repair.

TRUCK AND TRAILER—194? MODEL! This streamlined super truck and trailer will move small homes, masonry, boats and other large objects speedily, safely.

Today... Marvels of American mechanical science are relentlessly rolling over enemy territory. To meet the increasing needs of our fighting machines and fighting men, Solvay Alkalies and related products are making their special contribution to America's war production.

Tomorrow... The Solvay Process Company will answe industry's call for quality alkalies and related products. Solvay broad technical knowledge and extensive research facilitie will be united with industry. Together they will work for th advancement of industrial America and a better way of lif

SOLVAY
TRADE MARK REG. U. S. PAT. OFF.

*The Solvay Process Company employs salt, limestone and ammonia to make Soda Ash, from which basic material Caustic Soda and other alkalies are derived.

SODA ASH • CAUSTIC SOD
AMMONIUM CHLORIDE • CAUSTIC POTAS
MODIFIED SODAS • AMMONIUM BICARBONAT
SODIUM NITRITE • PARA-DICHLOROBENZEN
CALCIUM CHLORIDE • CHLORINE • SA
POTASSIUM CARBONATE

SOLVAY SALES CORPORATIO
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK 6, N.
BRANCH SALES OFFICES:
Boston • Charlotte • Chicago • Cincinnati • Cleveland • Detr
New Orleans • New York • Philadelphia • Pittsburgh • St. Louis • Syracu

Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l.....100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l....100 lbs. 4.221 - —
43°, bbls., c.l.....100 lbs. 4.271 - —
Corrosive sublimate,[2] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton. 45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½- —
Creosote carbonate, nots., cbys., lb. 2.10 - 2.39
Coaltar, oil,[2] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works.....gal. .141 - —
Wood, beech, bots.....lb. 1.04 - —
cbys., dms.....lb. .85 - —
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10¼
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10¼
Crotonaldehyde, 95%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. drms., works..lb. .18 - —

Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs. 10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¼- —
Cube root,[2,6] powd., 5% rotenone, bbls..lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[4] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09¼- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, works..lb. .21 - .26
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd.. gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .28 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton. 34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, bbls.....lb. .27½- .29
Damiana leaves, bls.....lb. .16 - .17
Derris root,[2,6] powd., 5% rotenone, bbls..lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l.....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, ogs., c.l...100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l.....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l.....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l.....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l.....lb. .21 - —

Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast, lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton. 22.00 -25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic Coast..ton. 55.00 -59.00
l.c.l., ex whse.....ton. 85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l.....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2640- —
1-gal. cns., same basis..lb. .2840- —
dms., c.l., same basis....lb. .2110- .2280
l.c.l., same basis.....lb. .2160- .2330
tanks, same basis.....lb. .2010- .2160
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l.....lb. .2075- .2170
tanks.....lb. .1925- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylamine, dms., c.l., works, lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether,[6] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
decorticated, bgs.....lb. No stocks
dewhiskered, bgs.....lb. No stocks
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylaniline, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotolulguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] S.D. dms., dlvd. E., gal. .56 - .58
tanks, dlvd. E.....gal. .52 - —
dest., dist., dms., dlvd. E...gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons, lb. .35 - —
Dimethylethyl carbinol (see Carbinol).
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton. 68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb. 12.50 - —
FD&C blue, No. 2, cns.....lb. 13.50 - —
Green, FD&C green, No. 1 cns., lb. 12.50 - —
FD&C green, No. 2, cns...lb. 17.50 - —
FD&C green, No. 3, cns...lb. 27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.35 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
Yellow, FD&C yellow, No. 1, cns..lb. 3.50 - —
FD&C yellow, No. 3, cns..lb. 2.35 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors) for drugs and cosmetics:—
Black, D&C black, No. 1, cns., lb. 8.35 - —
Blue, D&C blue, No. 6, cns..lb. 13.50 - —
Brown, D&C brown, No. 1, cns.,
Green, D&C green, No. 5, cns., lb. 12.35 - —
D&C green, No. 6, cns.....lb. 12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns...lb. 15.35 - —
D&C orange, No. 10, cns...lb. 15.85 - —
D&C orange, No. 11, cns...lb. 17.35 - —
Red, D&C red, No. 5, cns...lb. 6.00 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb. 18.35 - —
D&C red, No. 19, cns.....lb. 15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb. 13.35 - —
D&C red, No. 37, cns.....lb. 12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb. 10.35 - —
Dyes, coaltar (certified colors), for external use, drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb. 12.35 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.35 - —
Red, Ext., D&C red, No. 1, cns..lb. 10.35 - —
Ext. D&C red, No. 3, cns..lb. 21.35 - —
Ext. D&C red, No. 8, cns...lb. 7.35 - —
Ext. D&C red, No. 10, cns.lb. 12.35 - —
Ext. D&C red, No. 13, cns.lb. 12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns...lb. 8.35 - —

MILLIONS OF GALLONS FOR INVASION

After being processed in tall towers and speeding over the nation's railroads by tank cars, millions of gallons of fighting fuel are waiting in huge storage tanks made by General American. Military and industrial experts in every quarter of the globe know that the GATX triangle symbolizes maximum quality . . . it can mean substantial production economies for *you*, in peace as in war.

GENERAL AMERICAN TRANSPORTATION CORPORATION

GATX GENERAL AMERICAN PLATE & WELDING DIVISION PLANT AT SHARON, PA.

Plate & Welding Division — Sharon, Pennsylvania

Specialists in plate fabrication—manufacturers of pressure vessels of steel, alloys and aluminum—all classes of welding—process equipment of all types—chemical engineering laboratories and service—completely equipped field erection department.

DRUMS ALONG THE MOHAWK

Through regions that once resounded with the war drums of the "first Americans", move the war drums of today. They are silent drums. Yet within them is power that can be heard on every continent, and their signal to the world is the roar of planes and the thunder of tanks.

America guards her war drums well. They are made of steel, to give them strength. And to preserve their contents — to prevent seepage and spoilage — they are *hermetically sealed.*

When a drum is hermetically sealed it is water-tight and dust-proof. It can be left in open storage, or exposed to rain, or rolled through water, without seepage. It can be transported any distance — under any conditions — and arrive with every drop "as shipped". It is equipped to serve — on the home front as well as every war front — as a war drum should.

Tri-Sure Closures have a seal, plug and flange that are perfectly air-tight, water-tight and dust-proof. If a drum is equipped with Tri-Sure Closures it is hermetically sealed—*and if it's hermetically sealed it's* safe.

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Tri-Sure
Reg. U. S. Pat. Off.
CLOSURES

Duraglas

OU CAN SELL IT
BETTER
IN GLASS

You have to look "hard" to see that the bottles are similar

There is magic in labels. Magic you need while government restricts bottle shapes and sizes. Magic that will enable you to continue to benefit from the economies of standard bottles in meeting the hard competition of post-war days.

Duraglas Customer Service works with users of Duraglas bottles and designers of labels, to produce the effect you instantly feel when you glance at well-stocked shelves:—

"What a lot of different products!"
"How that brand over there stands out!"

Close inspection proves that shape and size of many of the bottles are similar. The magic of individuality is in labeling. Remember the value and the savings of artistically dressed standard bottles when you plan your post-war operations.

Tune In—"Broadway Matinee," Mondays through Fridays, CBS, 4 P.M., Eastern War Time.

OWENS-ILLINOIS GLASS COMPANY
Toledo, Ohio

1. America's most completely equipped container research laboratories—located at Toledo, Ohio and San Francisco, California.

2. The "know how" resulting from more products going to market in Duraglas containers than in any other brand of glass.

3. Twenty strategically located plants with the most modern production facilities.

4. Duraglas Customer Service from the production line to the consumer's mind. Quality Control . . . Packaging Research . . . Merchandising and Sales Promotion . . . National Advertising in leading magazines reaching millions of men and women . . . "Broadway Matinee," complete Columbia Coast-to-Coast Network —Five times a week—

All designed to help you sell your products in Duraglas containers.

Duraglas
TRADE MARK REG. U. S. PAT. OFF.
CUSTOMER SERVICE

Dyes, coaltar, for general uses[6] (numbers are those of Colour Index scale):—

36	Chrome yellow, 2G	lb.	.65 - .70
40	Chrome yellow R	lb.	.50 - 1.00
53	Victoria violet	lb.	.80 - 1.00
165	Lake red C	lb.	.70 - .80
170	Fast red A[6]	lb.	.56 - .60
180	Fast red VR	lb.	1.50 - 1.60
189	Lake red R, paste	lb.	.85 - .90
189	Lake red R, powd	lb.	3.00 - 3.10
202	Chrome blue black U	lb.	.35 - .42
204	Chrome black A	lb.	.42 - .45
208	Fast red blue R	lb.	.75 - 2.00
216	Chrome red B	lb.	1.75 - 2.00
262	Cloth red 2B	lb.	.60 - .80
280	Fast cyanin 5R	lb.	.90 - 1.00
299	Chrome black F	lb.	.85 - .88
304	Paper yellow	lb.	.88 - .90
307	Fast cyanin black B	lb.	.80 - .85
326	Direct fast scarlet	lb.	2.00 - 2.25
365	Chyrophenin G	lb.	.58 - .70
382	Direct scarlet B	lb.	1.15 - 1.20
387	Direct violet B	lb.	1.00 - 1.30
394	Direct violet N	lb.	.80 - .85
401	Developed black BHN	lb.	.45 - .60
406	Direct blue 2B	lb.	.66 - .70
415	Direct orange B	lb.	.60 - .70
419	Direct fast red F	lb.	.70 - .73
420	Direct brown M	lb.	.55 - .67
448	Benzo purpurin 4B	lb.	.65 - .68
495	Benzo purpurin 10B	lb.	.40 - .50
502	Direct azcrin G	lb.	.75 - .80
512	Direct blue RD	lb.	.80 - 1.00
518	Direct pure blue 6B	lb.	1.20 - 1.30
520	Direct pure blue	lb.	.50 - 1.00
529	Direct fast black FF	lb.	.55 - 1.00
581	Direct black EW	lb.	.50 - .54
582	Direct black RX	lb.	.35 - .45
592	Direct green B	lb.	.50 - .55
594	Direct green G	lb.	.50 - .55
598	Direct brown 3GO	lb.	.85 - 1.00
620	Direct yellow R	lb.	1.25 - 1.50
698	Acid violet	lb.	1.00 - 3.00
812	Primulin	lb.	.70 - .73
814	Direct fast yellow	lb.	2.00 - 2.25
845	Nigrosin (water soluble)	lb.	.35 - .50
1177	Indigo, 20% paste	lb.	.15 - .18
	Benzo fast black L	lb.	.90 - 1.00
	Sulphur black	lb.	.20 - .25
	Sulphur blue	lb.	.45 - 1.00
	Sulphur brown	lb.	.25 - .50
	Sulphur maroon	lb.	.40 - —
	Sulphur tan	lb.	.30 - .40
	Sulphur olive	lb.	.25 - .54
	Sulphur yellow	lb.	.30 - .50
	Zambesi black	lb.	.75 - .80

Black:—

865	Nigrosin derivatives	lb.	.36 - .44

Blue:—

7075	Alizarin astral base	lb.	15.00 —
1078	Alizarin cyanin, green base	lb.	6.00

Brown:—

	Brown	lb.	1.15 - —

Green:—

1078	Alizarin cyanin green	lb.	5.00 - —
	Green	lb.	.75 - —

Orange:—

24	Sudan I	lb.	.75 - —
	Red shade	lb.	.75 - —

Red:—

75	Sudan II	lb.	.95 - —
258	Sudan IV	lb.	.85 - —
680	Oil violet	lb.	.50 - —
749	Rhodamine B (oil pink)	lb.	2.50 - —
1080	Anthraquinone,[6] violet base	lb.	6.00 - —

Yellow:—

15	Amidoazobenzene yellow	lb.	.90 - —
17	Amidoazotoluene yellow	lb.	.75 - —
61	Yellow OB	lb.	1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

246	Naphthol blue black S	lb.	.50 - —
729	Victoria blue B	lb.	1.85 - —
861	Indulin	lb.	.87 - —
873	Methylene gray	lb.	1.50 - —
909	New blue P	lb.	1.20 - —
922	Methylene blue	lb.	1.00 - —
1054	Alizarin saphirol B	lb.	1.90 - —
1180	Indigotin IA	lb.	.85 - —

Blue:—

714	Patent blue A	lb.	1.05 - 1.10

Brown:—

231	Bismarck brown G	lb.	.47 - .62
234	Resorcin brown Y	lb.	.65 - —
235	Resorcin dark brown R	lb.	.66 - —
332	Bismarck brown R	lb.	.47 - .62
793	Phosphin	lb.	4.65 - —

Green:—

5	Naphthol green B	lb.	1.00 - —
657	Malachite green	lb.	1.35 - —
662	Brilliant green	lb.	2.00 - —
666	Guinea green B	lb.	1.15 - —
737	Wool green S	lb.	.58 - —
924	Methylene green B	lb.	1.55 - —
1078	Alizarin cyanin green	lb.	2.00 - —

Orange:—

10	Chrysoidin G	lb.	.44 - —
21	Chrysoidin R	lb.	.41 - —
27	Orange G	lb.	.50 - —
31	Amidonaphthol red G	lb.	.42 - —
37	Amidonaphthol Red 6B	lb.	.68 - —
151	Orange Y	lb.	.31 - .33
161	Orange R	lb.	.34 - —

Red:—

79	Ponceau R	lb.	.48 - —
88	Fast red B	lb.	1.05 - —
176	Fast red A[6]	lb.	.54 - —
179	Azorubin	lb.	.60 - —
183	Crocein scarlet 3BX	lb.	.72 - .75
185	Cochineal red A	lb.	.60 - —
252	Brilliant crocein M	lb.	.68 - —
677	Fuchsin	lb.	2.10 - —
749	Rhodamine B	lb.	3.50 - —
752	Rhodamine 6B	lb.	4.50 - —
768	Eosin G	lb.	1.50 - —
841	Safranin	lb.	1.45 - —

Violet:—

680	Methyl violet B	lb.	.70 - .75
681	Crystal violet B	lb.	1.75 - —
695	Acid violet 4BN	lb.	.88 - —

Yellow:—

10	Naphthol yellow S	lb.	.88 - —
138	Metanil yellow	lb.	.56 - .58
636	Fast light yellow	lb.	1.25 - —
639	Xylene light yellow	lb.	1.15 - —
640	Tartrazin	lb.	.80 - —
655	Auramine	lb.	1.27 - —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

864	Nigrosin	lb.	.36 - .44

Blue:—

860	Indulin	lb.	.60 - .70

Brown:—

331	Bismarck brown	lb.	1.50 - —

Green:—

637	Malachite green base	lb.	2.00 - —

Orange:—

20	Chrysoidin G	lb.	.95 - —
21	Chrysoidin R	lb.	.96 - —

Red:—

677	Fuchsin, magenta, base	lb.	7.25 - —
749	Rhodamine B	lb.	4.75 - —

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Yellow:—

67	Amidoazotoluene yellow	lb.	.75 - —
655	Auramine	lb.	2.00 - —
800	Chinolin yellow SS	lb.	2.00 - —

Violet:—

680	Methyl violet base	lb.	.85 - —

Dyes, natural (see name of article).

E

	Echinacea root, bls	lb.	.95 - 1.00
	Egg[1] albumen (see Albumen).		
	Yolk, dried, dom	lb.	1.05 - 1.15
	imported	lb.	No stocks
	Elder flowers, bright, bls	lb.	.58 - .59
	Elecampane root, bls	lb.	No stocks
	Elm bark, grinding, bls	lb.	.15 - .18
	powd., bbls., bxs	lb.	.25 - .26
	select, bndls	lb.	.26 - .27
	Emetine[6] hydrochloride, bots.	oz.	21.00 -33.00
	Ephedra, bls	lb.	.21 - .22
	Ephedrine, natural, USP, anhydrous, bots.	oz.	1.15 - 1.65
	Hydrochloride or sulphate, tins	oz.	.95 - 1.45
	synthetic, USP, anhyd., bots., 100 ozs.	oz.	.65 - —
	Hemihydrate, bots., 100 ozs.	oz.	.65 - —
	Hydrochloride, tins, 100 ozs. or more	oz.	.50 - —
	Sulphate, cryst., tins, 100 ozs. or more	oz.	.48 - —
	Epinephrine, synth., USP, bots.	gram.	.75 - —
	Epsom salt, tech., bgs	100 lbs.	1.80 - —
	bbls.	100 lbs.	1.90 - —
	USP, cryst., bgs., c.l.	100 lbs.	2.00 - —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25 - —
	smaller lots	100 lbs.	2.50 - —
	bbls., c.l.	100 lbs.	2.10 - —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35 - —
	smaller lots	100 lbs.	2.00 - —
	kgs., c.l.	100 lbs.	2.35 - —
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60 - —
	smaller lots	100 lbs.	2.85 - —
	dried, bgs., l.c.l.	lb.	.08 - .09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

	Ergot, USP, dms	lb.	1.40 - 1.45
	Eserine, bots	oz.	No prices
	Sulphate, 1-gram vials	vial.	2.10 - —
	Ether, acetic (see Ethyl acetate).		
	Amyl (see Amyl ether).		
	Butyl, l.c.l., dms., dlvd	lb.	.30 - —
	Ethyl (see Ether, sulphuric).		
	Nitrous, conc., bot., 100 lbs.	lb.	.93 - 1.10
	Sulphuric, conc., dms	lb.	.11 - .16
	USP anesthesia, hospitals, 1-lb. cns.	lb.	.60 - .61
	synthetic, dms., c.l., works	lb.	.14½- —
	l.c.l., works	lb.	.15½- —
	tanks	lb.	.12½- —
	Ethyl acetate,[2,6] 85-90%, dms., c.l., frt. alld.	lb.	.1170- .1275
	l.c.l., frt. alld.	lb.	.1220- .1325
	tanks, frt. alld.	lb.	.1070- .1175
	Ethyl acetate, 95-98%, dms., c.l., frt. alld.	lb.	.1225- .1335
	l.c.l., frt. alld.	lb.	.1275- .1385
	tanks, frt. alld.	lb.	.1125- .1235
	NF, dms.	lb.	.14½- .15½
	Acetoacetate, dms., c.l., wks.	lb.	.37½- —
	l.c.l., frt. alld.	lb.	.3[6] — —
	Benzoate, bots.	lb.	.90 - 1.00
	Bromide, tech., dms.	lb.	.50 - .55
	Carbamate, dms., dlvd. E.	lb.	.53 - —
	Chloride, dms.	lb.	.18 - .20
	Cinnamate, cns.	lb.	3.25 - 3.35
	Formate, dms., f.o.b. Agnue, Calif.	lb.	.26 - .32
	Iodide, bots.	lb.	3.50 - 3.60
	Lactate, dms., works	lb.	.33½- .39½
	Myristate, dms., works	lb.	.55 - —
	Oenanthate, dms.	lb.	.75 - 1.25
	Oleate, dms., works	lb.	.47 - —
	Oxalate, dms., frt. alld.	lb.	.33 - —
	Silicate, l.c.l., dms., works	lb.	.77 - —
	Ethylcellulose,[4] standard, pkgs., 5,000 lbs. or more, works	lb.	.50 - —
	smaller lots, same basis	lb.	.52 - .60
	Ethyldiethanolamine, dms., l.c.l., works	lb.	.80 - —
	Ethylene dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0842 - —
	West of Rockies, same basis	lb.	.0891- —
	Ethylene dichloride, dms., l.c.l., works, E. of Rockies, frt. alld.	lb.	.0891- —
	West of Rockies, same basis	lb.	.0941- —
	tanks, E. of Rockies, same basis	lb.	.0743- —
	West of Rockies, same basis	lb.	.0792- —
	Ethyleneglycol,[3,6] dms., c.l., frt. alld. in E.	lb.	.10 - —
	l.c.l., same basis	lb.	.11 - —
	tanks, same basis	lb.	.09 - —
	Monobutylether,[6] dms., c.l., works	lb.	.16½- —
	l.c.l., works	lb.	.17½- .20½
	tanks, works	lb.	.15½- —
	Monoethylether, dms., c.l., works	lb.	.14½- —
	l.c.l., works	lb.	.15½- .16½
	tanks, works	lb.	.13½- —
	Monoethylether acetate, dms., c.l., works	lb.	.11½- —
	l.c.l., dms.	lb.	.12½- .15½
	tanks, works	lb.	.10½- —
	Monomethylether, dms., c.l., works	lb.	.15½- —
	l.c.l., works	lb.	.16½- —
	tanks, works	lb.	.14½- —
	Ethylethanolamine, dms., c.l., works	lb.	.57 - —
	l.c.l., works	lb.	.60 - —
	Ethylmorphine hydrochloride, bots.	oz.	10.55 -10.75
	Ethylidinanilin, dms.	lb.	.45 - .47½
	Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80 - —
	Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more.	lb.	5.25 - —
	smaller lots	lb.	5.30 - 5.40
	Eucalyptol, cns., dms.	lb.	2.50 - 3.00
	Eucalyptus leaves, bls.	lb.	.10 - .13
	Eugenol, cns., dms.	lb.	2.65 - 3.35
	Euphorbia, bls.	lb.	.12 - .13

F

	Feldspar, enamel, 100 mesh, bulk, c.l., works	ton.	14.00 -17.50
	bgs., min. 2 tons	ton.	17.00 -20.50

SPOT DELIVERIES

SODIUM CITRATE U. S. P.

Zinc Sulfate

Triethanolamine

Heavy Calcined Magnesia

Sodium Acetate

Sodium Sulfite, Foto Grade

ZINC CHLORIDE SOLID

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Feldspar, glass, 20 mesh, bulk, c.l., works..ton. 9.75 -12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .17¾- .18¼
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works...lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal.19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 65% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake, white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs...lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar,[1] No. 1, ground, 96-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines...net ton.32.00 - —
60%, mines...net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,2,6] bbls., kgs., c.l., works..lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0490- —
l.c.l., works.....lb. .0540- —
tanks, works.....lb. .0360- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 72-74 octane, leaded, tanks..gal. .06 - —
Bayonne, 70 oct., tanks...gal. .092 - —
72-74 octane .....gal. .092 - .094
California, 78 oct., tanks..gal. .07½- — .
Gulf Coast, US motor, 72-74 octane, tanks..gal. .06 - .06¾
80 octane, tanks.....gal. .06¾- .07
Group 3, 72-74 octane, leaded, tanks..gal. .06¾- .07
80 octane, tanks.....gal. .07¼- .07½
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 72-74 octane, tanks..gal. .05½- .06
Pennsylvania, western, U. S. motor 70-72 octane, leaded, tanks..gal. .08¼- .08½
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .23½- .24
Cochin, bleached, bgs.....lb. .25 - .25½
unbleached, bgs.....lb. .25¾ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .25 - .26
No. 3, bgs.....lb. .24½- .25
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
Glaubers salt, cryst., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works... 100 lbs. 1.15 - 1.35
less than 5 tons, works... 100 lbs. 1.25 - 1.45
Glue, bone,[2] producers', calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
18/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
hide, producers,[1,2] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .16 - .21½
122-149, bgs., c.l., dlvd....lb. .17 - .22½
150-177, bgs., c.l., dlvd....lb. .18 - .23½
178-206, bgs., c.l., dlvd....lb. .19 - .24½
207-236, bgs., c.l., dlvd....lb. .20 - .25½
237-266, bgs., c.l., dlvd....lb. .21 - .26½
267-298, bgs., c.l., dlvd....lb. .22 - .27½
299-330, bgs., c.l., dlvd....lb. .23 - .28½
331-362, bgs., c.l., dlvd....lb. .24 - .29½
363-394, bgs., c.l., dlvd....lb. .25 - .30½
395-427, bgs., c.l., dlvd....lb. .26 - .31½
428-460, bgs., c.l., dlvd....lb. .27 - .32½
461-494, bgs., c.l., dlvd....lb. .28 - .33½
495-529, bgs., c.l., dlvd....lb. .29 - .34½
Hide glue l.c.l., prices 1c. over c.l. Glue in bbls., ½c over bgs. Outside prices rule on glues made wholly of imported materials: inside prices on glues made with approximately two-thirds domestic and one-third imported materials. Jobbers' prices 2c. to 3½c. over producers'. Chrome and coney glue, 267 or higher jellygram, c.l., 2c. over above prices; below 267 jellygram, 1c. higher. Freight charges above 75c. per 100 pounds may be added.
Glycerin,[1,2] CP, BP, 95%, dms., c.l., dlvd. Zones A and C..lb. .18¾- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .18½- —
Glycerin, USP, 95%, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —
dynamite, high gravity, yellow distilled, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —
Chemically pure and dynamite glycerin are sold to the U. S. government at prices 1c. lower than above.
saponification, 88%, to refiners, dms., c.l., l.c.l., or tanks, same basis..lb. .12¾- —
to individual users, dms., c.l., same basis..lb. .13¾- —
l.c.l., same basis.....lb. .14¾- —
tanks .....lb. .12¾- —
soaplye, 80%, dms., tanks, c.l., l.c.l..lb. .11½- —
Glycerin prices in Zone B, 2c. higher.
Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C, as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Oklanogan, and Yakima.
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.55
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 6.00 - 6.25
powd., bxs.....lb. 6.25 - 6.50
Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works...lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs., same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis...lb. .08 - —
Grease,[1,5] house, loose.....lb. .06¼- —
white, choice, loose.....lb. .06¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Oxide,[6] pure, dms., works...lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73¼
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .12½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis....lb. .12¾- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¾- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11¾- —
unsorted, No. 1, bgs., c.l., same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis. lb. .14¾- —
Gum, copal, East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¾- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis...lb. .11½- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .22¾- —
chips, same basis...lb. .11¼- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bskts., c.l., same basis..lb. .13½- —
dark, light, same basis, lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
MD, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis, lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l., lb. .08¾- —
Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
bold, pale scraped, same basis..lb. .15 - —
extra pale, bold sorts, same basis..lb. .12¾- —
pale chips, bold, same basis..lb. .13 - —
nubs, WCB, same basis, lb. .12¾- —
seeds, dust, same basis..lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l. prices ¼c. to ½c. higher
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .29¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, cs., c.l..lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3, bgs., same basis.lb. .12¾- —
chips, cs., same basis...lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17¾- —
Gum dammar, l.c.l. prices, ¼c. to ½c higher.
Elemi,[1] cns.....lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, dlvd....lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc., lb. .09¾- .10
other points, dlvd.....lb. .10½- .11
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1 extra, same basis....lb. .34 - —
superior, same basis....lb. .31 - —
No. 2 extra, same basis....lb. .30 - —
superior, same basis....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis...lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¼- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c higher.
Locust bean, powd., bbls....lb. .75 - .80
Mastic, cs.....lb. 5.00 Nom
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .80
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 Nom.
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Gypsum, Keen's cement, paper bgs., c.l., f.o.b. Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton.8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .54 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14¼- —
No. 2.....lb. .13½- —
No. 3.....lb. .12¾- —
Hemlock bark extract,[1,2] 25% tan., bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12¼- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10¼- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,6] tech., dms., 1,500 lbs. up, Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., same basis. lb. .38 - —
USP, dms., 500 lbs. or more, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .18½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10¼- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.20.00 - —
Hydrastinine, 10 grs., bots...bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18¼
Hydroquinone, bbls., dms...lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'abls, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N.F., bots.....lb. 2.45 - 4.30
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¾- —
resubl., 5-lb. bots., jars...lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs...lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys., lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms...100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07¾- —
dms. .....lb. .08¼- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87

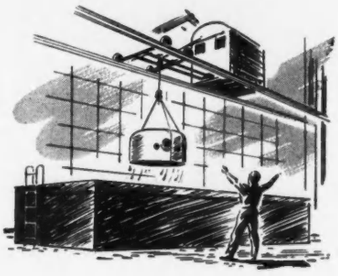
"...It took CHEMISTRY to realize the nation's wealth

American manufacturers once relied on *imported* camphor, an essential ingredient in many important products of industry. When war cut off these imports, however, the *domestic synthesis* of camphor was greatly enhanced by a substance which Hercules' chemists produced from wood turpentine . . . *Alpha-pinene*. This is just one example among hundreds of how Hercules research has helped bring to light the hidden wealth of our natural resources."

DAVID DIETZ, *Science Editor of Scripps-Howard Newspapers, Author, Pulitzer Prize Winner*

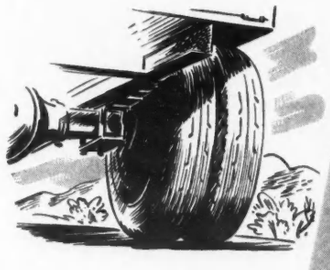
PROTECTING HEALTH from food contamination by flies and other insect germ-carriers is one of the jobs whose importance can hardly be exaggerated . . . a job now handled by a terpene chemical product. Thanite*, the modern toxic agent used in sprays, is in great demand.

WASHING WOOL—saving time. Yarmor* Pine Oil saves up to 30% of the time required for scouring and processing of wool. Yarmor is a wetting agent, lowering surface tension, emulsifying dirt and grease, producing fluffier, cleaner wool, helps get the most out of our wartime supply.



GREASE-GETTER. Another wetting agent is Dresinate*. Dresinate is speeding the production drive by making it easier for alkaline baths to replace solvent baths for *cleaning metals*. Effective in both strong and weak alkaline baths, it has no harmful chemical action on soft metals.

BEST SOLVENT. For many uses besides paints, there is conceded to be no better solvent than turpentine. Hercules produces the finest clear, pure, water-white turpentine which thins and spreads paint without weakening its color, helps dry it fast.



LESS RUTS. Just a small amount of Hercules' amazing new product, Stabinol*, when properly mixed with the top few inches of soil, and then compacted, makes a completely water-proof surface—*preventing mud.*

HERCULES POWDER COMPANY
INCORPORATED

936 Market Street, Wilmington 99, Delaware

*Reg. U. S. Pat. Off. NI-42 A

Iron glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms....lb. 1.50 - 1.62
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .56
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .85 - .95
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms., lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms...lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms., lb. .10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms. lb. .33 - .38
scales, dms.....lb. .49 - .53
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl triocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....gal. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld., lb. .10 - —
Isopropyl alcohol (see Alcohol).
ether, dms., c.l.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks.....lb. .04½- —
Isopropylamine, dms., works...lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .45 - .52
powd., bbls., bxs.....lb. .52 - .53
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .60 - .80

K

Kamala, tins.....lb. .42 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. .04½- .04⅝
Bayonne, 41-43 w.w., tank.. gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Texas, 42-44 w.w., tanks..gal. .04⅝- .04⅞
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks.....gal. .07¼- .07⅝
47 w.w., tanks.....gal. .07⅝- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

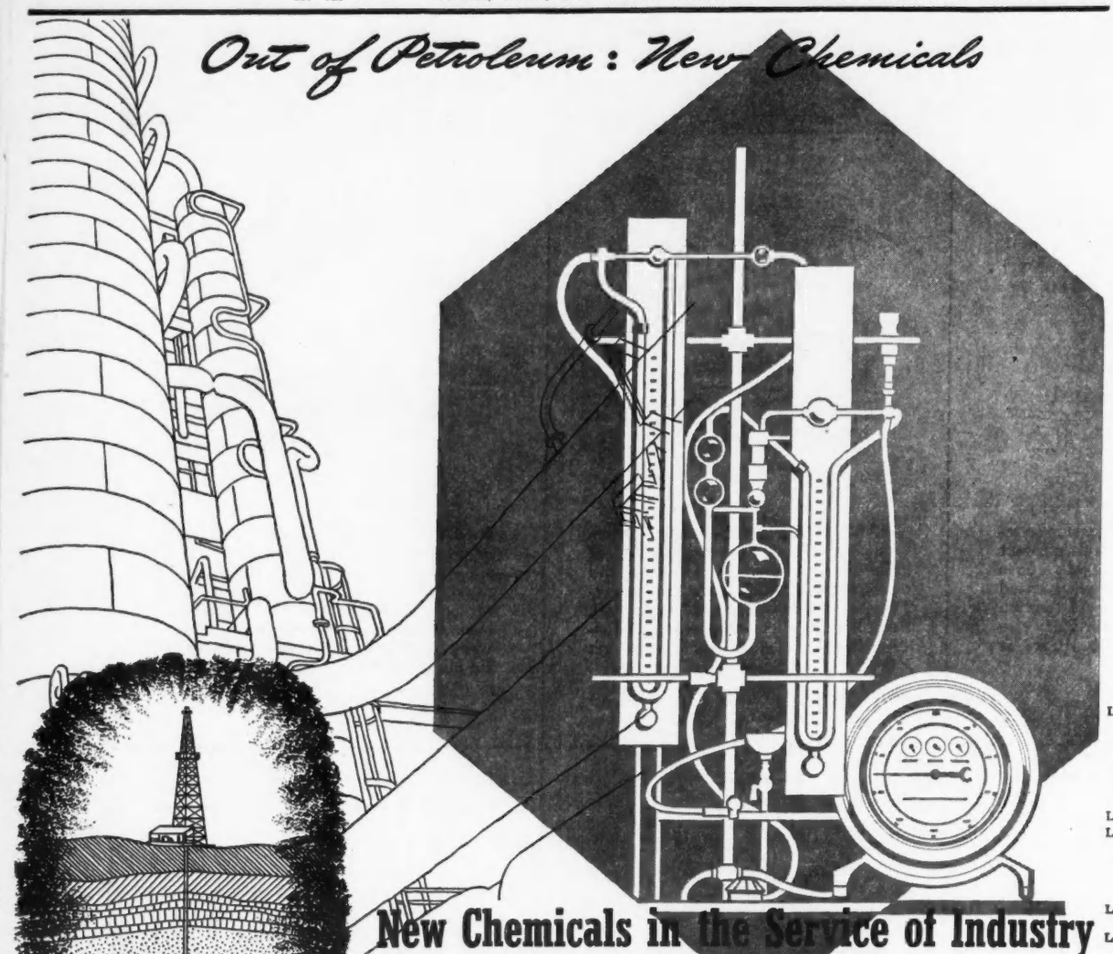
L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,5] city, trcs.....100 lbs. .1340 Nom.
Western, choice, trcs...100 lbs. .1325 Nom.
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls.....lb. .30 - .31
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. No stocks
Turkish, bls.....lb. .35 - .36
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,3] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] paste, stand., cns., c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l.....lb. .19 - .23
standard, 3-lb. bgs. or larger, lb. .11 - .11¼
l.c.l.....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .23½
½-lb. ctns., c.l.....lb. .21 - .26
l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Lead, blue, basic sulph., bbls., l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works.....lb. .19¾- .21⅜
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14½- .17⅛
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .23 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala. lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.5% Pb, 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
l.c.l., smaller lots, E. frt. alld..lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08¼- —
dlvd., other points..lb. .08½- —
l.c.l., dlvd. Ariz., etc.lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs...lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¼- .11¾
painters, 100-lb. kg.....lb. .12¼- .12¾
Lecithin, edible, dms., c.l.....lb. .28½- —
l.c.l.....lb. .29 - .43
in cocoa butter, dms., c.l....lb. .40½- —
l.c.l.....lb. .41 - .55
pure vegetable bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .26 - —
l.c.l.....lb. .26½- .27½
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .15
Russian, bls.....lb. .08½- .09
Spanish, bls.....lb. .12 - .18
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —

Out of Petroleum: New Chemicals



New Chemicals in the Service of Industry

This is a period of unprecedented transformation in modern industry. Production is stepped up to unthought-of levels and product has adapted itself to war-time needs. The achievement of these goals has called for ingenuity in the use of new materials, and many of these materials have made possible advancements of lasting value.

Oronite Research is making noteworthy contributions to these great advancements in industrial technology. Out of Petroleum, Oronite is producing chemicals which find important application in a wide range of industrial fields. Some of these Oronite products are already playing important roles in the progress of modern industry. Others will become available commercially only when reduction in war-time demands releases equipment and materials for their manufacture.

Learn *today* about those chemicals which will serve you *tomorrow*. Your nearest Oronite Chemical Company office will gladly furnish, upon request, data on the availability and application of Oronite Products.

These Oronite Products are now in Commercial Production:

Oronite Drying Oils
Oroplast* (Rubber Plasticizers and Dispersing Agents)
Oronite Waterproofing Compound
Oronite Polybutenes
Calodorant* (Natural Gas Odorant)
Oronite Cresylic Acids
Oronite Naphthenic Acids
Oronite Aliphatic Acids
Oronite Sodium Sulfonates
Oronite Wetting Agents

*Reg. U.S. Pat. Off.

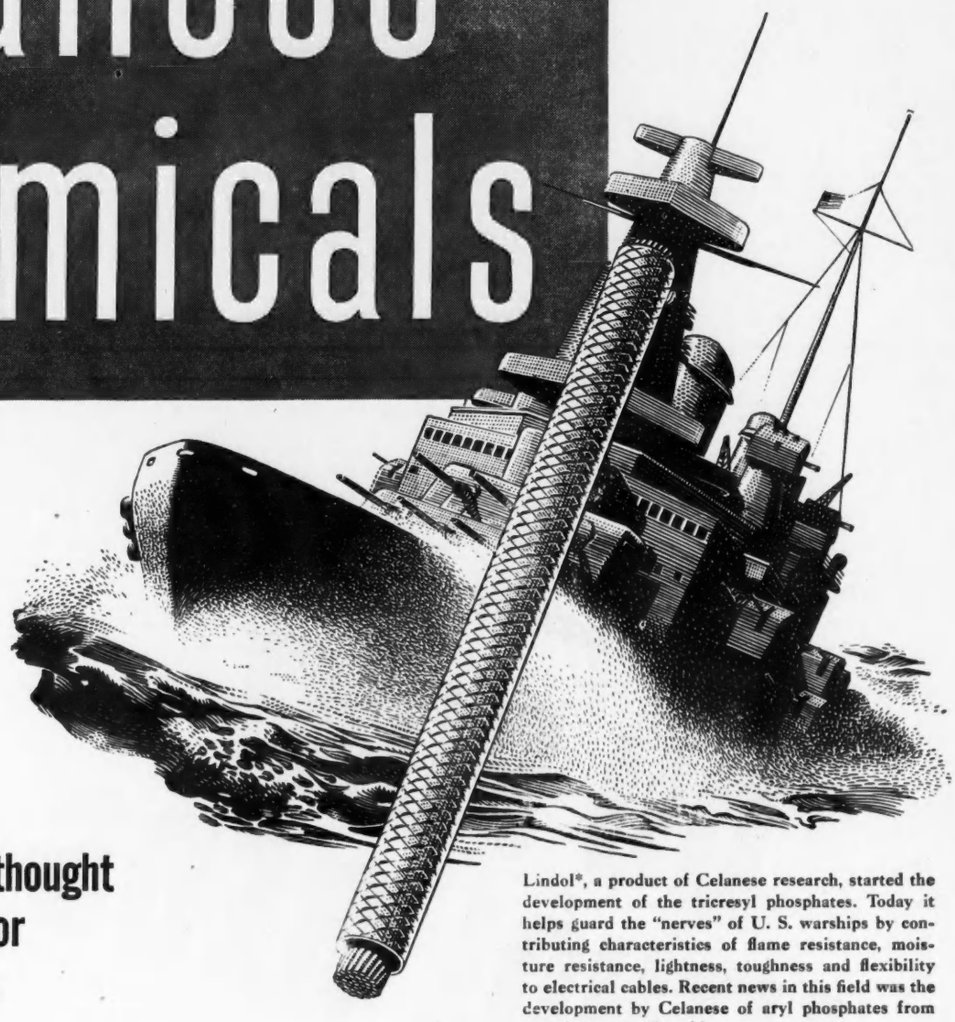
ORONITE CHEMICALS

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, California
30 Rockefeller Plaza, New York 20, New York
White-Henry-Stewart Bldg., Seattle 1, Wash.
Standard Oil Bldg., Los Angeles 15, California

0855

Celanese* Chemicals



Lindol*, a product of Celanese research, started the development of the tricresyl phosphates. Today it helps guard the "nerves" of U. S. warships by contributing characteristics of flame resistance, moisture resistance, lightness, toughness and flexibility to electrical cables. Recent news in this field was the development by Celanese of aryl phosphates from petroleum cresylic acids.

Possibly you haven't thought of Celanese as a major producer of chemicals

NOR WOULD IT be surprising, for the name, Celanese, has had almost universal association with plastics and synthetic textiles. Yet these are only two of the basic divisions of Celanese Corporation of America. A third and important division is chemicals.

Chemicals—particularly the specialized and more complex products of modern chemistry—have long been a major part of our operations. This is only natural, for the entire field of synthetics, from textiles to plastics, is after all a business of chemistry.

But fully as important as Celanese productive facilities, now being expanded for new products, is the Company's attitude towards *chemical research* and *product development*. It is a point of view, backed by performance, that has proved of immense value to our customers.

It is the willingness and the ability to approach problems from the customer's side of the desk... to consider no formula as final or finished . . . no improvement as impossible . . . no product as finally set.

Often the result is obtained merely by variations in a given formula to emphasize a desired characteristic. Sometimes it involves a wholly new concept. In all cases, it means fitting just the right chemical properties to the user's needs instead of adjusting the needs to the chemical. Its goal is precision—not adequacy.

This research attitude is more than a general policy. It is real and instinctive with virtually everyone in the Celanese organization. And by every right, it should be—for it is one of the basic qualifications demanded by the great and flexible science of synthetics.

PLASTICIZERS
ORGANIC PHOSPHATES
LUBRICANT ADDITIVES
INTERMEDIATES
DYE-STUFFS

Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.

*Reg. U. S. Pat. Off.

CELANESE CORPORATION OF AMERICA • TEXTILES • PLASTICS • CHEMICALS

Lime, hydrated, Manistique, Mich., ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[4] 20.5% N. bgs., works..ton.32.50 - —
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 3.75
Linden flors with leaves, bls...lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
Litharge, com'l, powd., bbls., c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium[6] bromide, bbls., 100 lbs. works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, fars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[1] ordinary, bgs., (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher. l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 3.00 - 3.25

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
kgs. ... .lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .06½- —
kgs. .....lb. .09¾- —
Magnesia carbonate, USP, Zone 2, l.c.l., bgs..lb. .08¾- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10¼- —
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. allds. Phillipsburg, Plymouth Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.
Chloride, anhyd., bbls., dlvd..lb. .13 - —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .18 - .20
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .35
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .13¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works... ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..lb. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms. lb. .22 - —
Sulphate, anhyd., dms., works.. lb. No stocks
feed grade, 77-80%, bgs....lb 04 - .05
fertilizer, 65%, $MnSO_4$, bgs. c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.66.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .06¼
Tallate, 4% Mn, 50-gal. dms.. lb .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks
Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls.....lb. .32 - .33
California, bls.....lb. .69 - .71
Chilean, bls.....lb. .36 - .37
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol, natural, Brazilian, cs. 500 lbs..lb.16.50 - —
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs.....lb.13.00 - —
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.31
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib, dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib, dms...lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.49 - 1.54
dms. .....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks .....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3¾x3¾ in., pkg.15.00 - —
Silver, 3¾x3¾ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades. dms., c.l., E. of Miss. R. gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R., 3c. higher.
synthetic,[3,6] dms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld. or dlvd..gal. .36½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .42½- —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .52½- .56¼
tanks, Zone 1, frt. alld...gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½- —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Col., Fla., Ga., Kans., La., Miss., Neb.

Available in a wide range of shades—

DU PONT LITHOL REDS

▶ **Lithol Toners are an important class of red pigments required by the formulator to attain many desirable objectives. These red pigments are strong, pleasing in tint and of high masstone intensity.**

Lithols are easy-grinding, economical—non-bleeding—applicable to high baking temperatures.

If you require extra cleanness and brightness, adopt Du Pont Lithols for current consumption. Now is the time to line up these colors for the post-war interval. To date, they remain unaffected by restrictions or priority allocations.

Test these remarkable Du Pont Reds on your own mills *today!* For samples and complete information, write: E. I. du Pont de Nemours & Co. (Inc.), Pigments Department, 1007 Market Street, Wilmington 98, Del.

DU PONT
REG. U. S. PAT. OFF.

DU PONT PIGMENTS

BETTER THINGS FOR BETTER LIVING...*THROUGH CHEMISTRY*

Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., also (c.l. only), Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Ca[1], Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl abietate, dms., c.l., dlvd. lb. .0722- —
Methyl acetate, CP, 97-99%, dms., c.l., works..lb. .09½- .10½
Methyl acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
Methyl acetate, tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Methyl acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Methyl acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.

Methyl acetone, natural, Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl acetone, synthetic, dms., c.l., Zone 1.. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .28 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —

Mica, wet-grd.,[1] biotite, c.l., bgs, lb. .03¾- —
l.c.l. .....lb. .04½- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l. .....lb. .04½- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
paper bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots is frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.

Milk powder,[6] skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A, lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)

Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.50 - —

Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

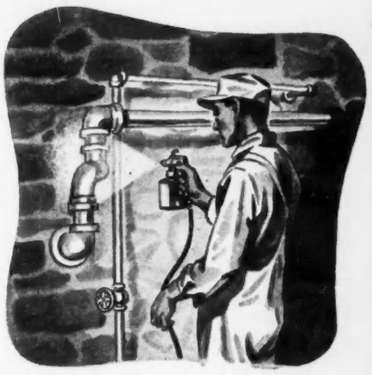
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99% powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. .....lb. .07 - .09
tanks .....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.40.00 - 45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.80
Mustard seed, Calif., brown, bgs., lb. .18 - .19
Montana, brown, bgs.....lb. .10¾- .11¼
yellow, bgs.....lb. .11 - .11½
Washington, yellow, bgs.....lb. .12 - .12¼

THROW MOLD OUT FOR KEEPS!

DOWICIDES CONTROL Mold Decay Termites

Mold costs money. Don't feed it by permitting the existence of conditions that promote its growth . . . throw it out for keeps. No matter what your problem, in this respect, one or more of the Dowicide family of seventeen products is ready to help you in two ways . . . to bolster the resistance of the finished product against fungi and bacteria . . . to prevent malicious growth during processing.

Dowicides are economical . . . thoroughly tested . . . proved by years of industrial acceptance.



A small quantity of Dowicide introduced by solution or by grinding in the pigment increases the mold resistance of practically any type of paint—water soluble and alkyd resin emulsion paints which are especially susceptible to mold because of their protein content . . . oil paints including those with soft film surfaces . . . binders . . . wood sealers . . . and many more.

The protection afforded by Dowicide-treated paint is complete even under conditions of high humidity—in breweries, canneries, dairies, and textile mills. For further information on how to throw mold out for keeps, write to the Dowicide Division.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland
Detroit • Chicago • St. Louis • Houston • San Francisco
Los Angeles • Seattle

DOWICIDE
GERMICIDES AND FUNGICIDES

Among the many Dow products serving the Paint Industry are: Ethocel, Methocel, Styrene, Dowtherm, and Phenol.

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account, ton.65.00 - —
crushed, same basis.....ton.75.00 - —
J2, whole, bgs., same basis... ton.55.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, crystr., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine[3] sulhate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[6] dms.....kilo.13.25 -13.60
Nikethamide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 5-7, 30-35 cps., same basis..lb. .28 - —
5-7, 40-60 cps., same basis, lb. .27 - —
Nitrocellulose, ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higner, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[6] solut., tanks, ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton.2.60 ÷ .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bols.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45
Chinese ... .lb. .39 - .40
Nutmegs,[1] E. I., 95's bgs.....lb. .55 - .56
grinding, bgs. .....lb. .45 - .46
West Indian, No. 1, bgs.....lb. .34½- .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil almond, bitter, arti. (see Benzaldehyde).
bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb. No stocks
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. 3.75 - 4.00
Apricot kernel, cns.....lb. .54 - .60
Avocado, cns., dms.....lb. 1.00 - 1.25
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns.....lb. No stocks
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 - 2.25
rectified, cns.....lb. 3.00 - 3.35
Bois de Rose, Brazil, cns....lb. 4.50 - 5.00
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 2.00 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.10.00 -12.50
rectified, cns.....lb.11.00 -15.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.20.00 -22.00
Cardamom, bots.....lb.24.00 -34.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l...lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14½- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. .80 - 1.00
Celery, bots.....lb.24.00 -26.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns.....lb. 2.75 Nom.
Clove, USP, cns.....lb. 1.60 - 1.65
Coconut,[1,5] Manila, crude, bulk, c.i.f., N. Y..lb. .0835- —
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .88 - —
tankcar .....gal. .83 - .85
Codliver,[5] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb.23.50 -35.00
Corn,[1,5] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,5] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07⅝- —
raw, 50%, tankcar, dlvd. E., lb. .03⅝- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb. 5.10 - 5.50
weed, bots.....lb. 5.50 - 5.75
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 -
200,000 or more A units..... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns.....lb.13.00 -15.75
Bourbon, cns.....lb.14.00 -16.50
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.00
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.12.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[5] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -30.00
Lemongrass, cns., dms.....lb. 1.40 - 1.50
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns...lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar..lb. .1490- .1500
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw.
tankcar, Zone 3.....lb. .127 - —
Linseed replacem't, dms. net lb. .131 - .137
Lubricating,[1] at refinery, ex tax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 poer, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd. tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. No prices.
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb.11.50 -15.00

The Orange Oil
With Freshest Flavor
And Truest Aroma!
Orange Oil is our business, and EXCHANGE Brand is your assurance of matchless flavor, freshness, and uniformity — your benefit of over 20 years of our experience in satisfying the requirements of American users.
Ask our Jobbers for Samples
DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.
FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.
Distributors for: CALIFORNIA FRUIT GROWERS EXCHANGE PRODUCTS DEPT., ONTARIO, CALIF.
Producing Plant:
Exchange Orange Products Co., Ontario, California
Copyright 1943, California Fruit Growers Exchange, Products Dept.
Exchange
OIL OF
ORANGE
U. S. P.

Oil, menhaden,[1,5] crude, tanks, Baito..lb. .0890- —
light-pressed, ret. dms...lb. .1280- .13
tanks .....lb. .1225- —
ref'd, alkali, ret. dms....lb. .1380- .14
kettle-bodied, ret., dms...lb. .1480- .15
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb. 220.00 -275.00
Haitian, dms. .....lb. 240.00 - —
Nutmeg, dist., cns., dms.....lb. No prices.
Oiticica,[1] liquid, dms.....lb. .20 - .20¼
tanks .....lb. .19 - —
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ⅛%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb. 97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,2] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb. 20.00 Nom.
Peanut,[1,5] crcde, tanks, mill. lb. .13 - —
blchd., deod., tankcar.....lb. .1501- —
hydrog., tanks .....lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
Import, cns.....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.35 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[2] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.l.f. N. Y..lb. .1150- —
Red,[5] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd.....lb. .12 - —
double dist., ret. dms.....lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers.....oz. 30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal. .72 - —
Rue, bots.....lb. 8.25 -10.00
Sage, Spanish, cns.....lb. 3.50 - 5.50
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,6] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms.....lb. .128 - .13
tanks .....lb. .1225- —
ref'd alkali, ret. dms.....lb. .138 - .14
kettle-boiled, ret. dms.....lb. .1480- .1500
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns. .....lb. No stocks
Savory, cns. .....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks
Soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar.....lb. .1393- —
ret. dms .....lb. .1500- .1540
clarif., dms.....lb. .1296- .1335
tanks .....lb. .1256- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dvid. E..lb. .05¼- —
refd., varnish, dms.....lb. .1386- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.34
Sunflower semi-ref.,[6] tanks..lb. .1430- —
refined, tanks.....lb. .1468- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[6] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. 3.75 Nom.
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works....gal. .29¾- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,6] dms.....lb. .39 - —
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Java, bots.....lb. 50.00 Nom.
Whale,[6] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50

Oil, white, mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l., gal. .39 - —
l.c.l. .....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 bis., dms., c.l...gal. .51 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. .....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. No prices.
Wormwood, cns. .....lb. 5.00 - 5.75
Ylang-ylang, Bourbon, bots..lb. 11.00 -14.50
Oleostearin,[1] bbls.....lb. .1054- —

Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, same basis.....ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb. 13.60 - —
25-lb. lots .....lb. 13.25 - —
smaller lots .....lb. 13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1], bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points .....lb. .12 - —
smaller lots, dlvd. Ariz., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[1,5] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11½
sweet, bls.....lb. .14½- .15
Oregano, Mexican, curly leaf, bgs..lb. .11 - .11½
flat, leaf, bgs.....lb. .10½- .11

Orris root, African, bls.....lb. .80 - .85
powd., bbls., bxs.....lb. .85 - .90
Portuguese, bls. .....lb. .45 - .46
Verona, bls. .....lb. 1.25 - 1.90
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms. .....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C, Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms. .....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .09 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.25
sulphate, cns.....oz. 7.10 - 7.35

CYCLAMAL

The Accepted Basis For Floral Perfumes

(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

PERSISTENT IN ODOR • • • • FREEDOM FROM DISCOLORATION
FREEDOM FROM IRRITATION • • • CYCLAMAL IS OF 100% PURITY
Manufactured in the U. S. A.

VERATRALDEHYDE

For That New Note You Have Been Looking For

A lasting sweet note of great value in Perfume Compounds of many types. Veratraldehyde is particularly interesting as a base for Opoponax, Heliotrope and Violet Odors.

INDOL

U. S. A. MANUFACTURED AND READILY AVAILABLE

Its great power makes it extremely economical to use, not only in the manufacture of Jasmin Odors but in many other Floral Compositions as well.

For the sake of economy, dependability and the fine results to be obtained with Indol, send for a sample and suggestions as to its use.

Requests for samples on your firm's letterhead will be promptly answered.

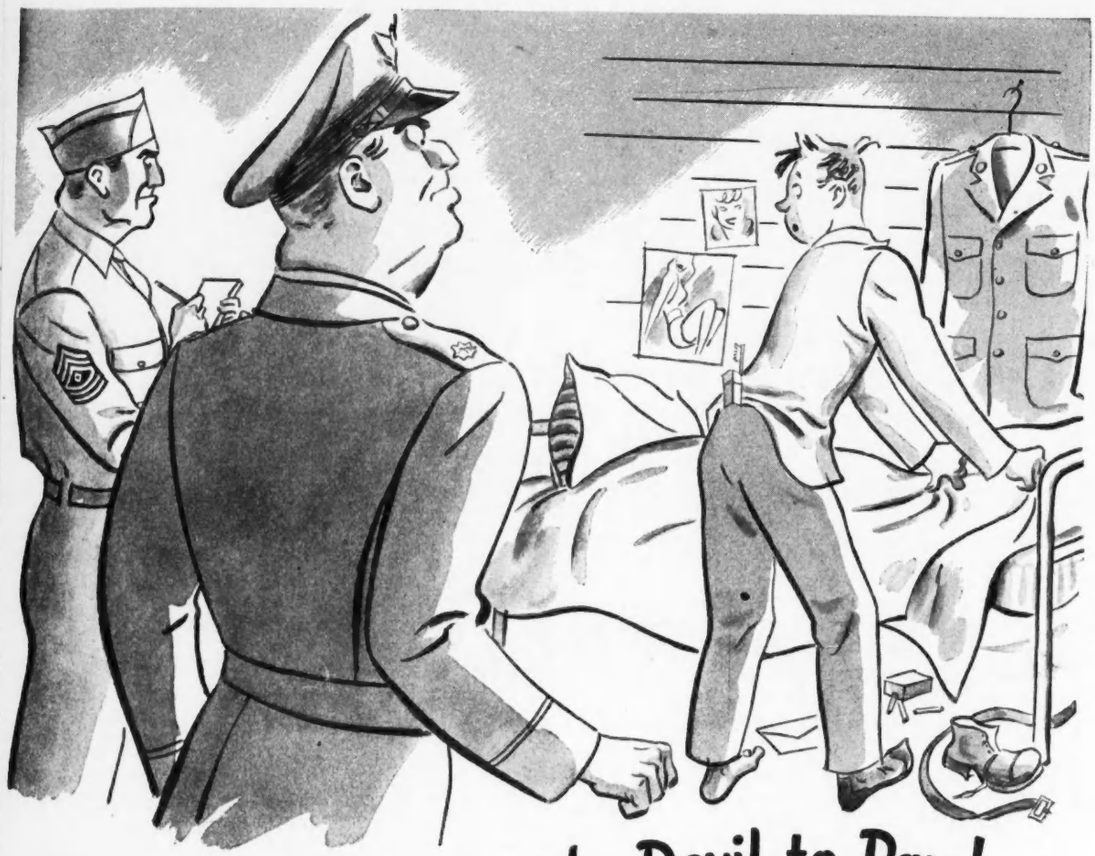
Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.

9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Paprika,[1] Chilean, good, bgs.	lb.	.27 - .28
Portuguese, choice, bgs.	lb.	.39½- .40
extra fancy, bgs.	lb.	.38½- .38⅝
good, bgs.	lb.	.36 - .37
Spanish, fancy, bgs.	lb.	.45 - .56
good, bgs.	lb.	.36 - .37
fair, bgs.	lb.	.32 - .33
Para-anisidin, dms., works.	lb.	.75 - —
Parachlorophenol, dms., wks.	lb.	.32 - —
Paracresol,[6] bbls., wks.	lb.	.41 - —
Paracymene, dms., c.l., works.	lb.	.1595- —
l.c.l., same basis.	lb.	.1645- —
tanks, same basis.	lb.	.1545- —
Paradichlorobenzene, dms., c.l., works.	lb.	.11 - .13
l.c.l., same basis.	lb.	.12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery.	lb.	.04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery.	lb.	.05 - —
120-122 ASTM, same basis,	lb.	.0620- —
122-124 ASTM, same basis,	lb.	.0520- —
125-127 ASTM, same basis,	lb.	.0560- —
127-129 ASTM, same basis,	lb.	.0585- —
128-130 ASTM, same basis,	lb.	.0585- —
130-133 ASTM, same basis,	lb.	.0615- —
132-134 ASTM, same basis,	lb.	.0640- —
135-137 ASTM, same basis,	lb.	.0715- —
140-142 ASTM, same basis,	lb.	.0810- —
146-148 ASTM, same basis,	lb.	.1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.		
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works.	lb.	.23 - —
100 to 900 lbs., works.	lb.	.24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.	lb.	.12 - —
and 10-gal. dms., works.	lb.	.15 - —
USP, cns., cbys.	lb.	.35 - .45
Paranitroanilin, kgs., works.	lb.	.43 - .45
Paranitrochlorobenzene, kgs., works.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs., works.	lb.	.30 - —
Paraphenylenediamine, tech., kgs.	lb.	2.00 - —
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls., works.	lb.	.48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld.	lb.	.20 - .25
l.c.l., same basis.	lb.	.21 - .26
Passion flower herb, bls.	lb.	No prices
Patchouli leaves, bls.	lb.	.34 - .35
Pectin, bbls.	lb.	.85 - —
Penicillin,[6] ampules, per 100,000 units.		1.90 - —
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentachlorophenol, dms., works,	lb.	.20 - .25
Pentaerythritol,[6] CP, bbls., dlvd.	lb.	.75 - —
less than barrel lots.	lb.	1.00 - —
tech., bbls., c.l.	lb.	.29 - —
l.c.l.	lb.	.33 - —
Tetra-acetate, bbls., dlvd.	lb.	1.00 - —
less than barrel lots.	lb.	1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3,	gal.	.11 - —
l.c.l., Group 3.	gal.	.19 - —
tanks, Group 3.	gal.	.07½- —
laboratory grade, dms., c.l.,	gal.	.16 - —
l.c.l.	gal.	.29 - —
10 gal.	gal.	.55 - —
Pepper, black,[1] 15 tons, bgs.	lb.	.0665 Bid
50 to 100 bgs.	lb.	.0705 Bid
24 bgs.	lb.	.0723- .0740
red, chillies, Carolina, longs, bgs.	lb.	.28½- .30
sports, bgs.	lb.	.50 - .52
Louisiana, sports, bgs.	lb.	.50 - .52
Mombasss, bgs.	lb.	.23 - .24
Niger, fair, bgs.	lb.	.18½- .19
Sierra Leone, bgs.	lb.	.22½- .23
white,[1] 15 tons, bgs.	lb.	.1161 Nom.
24 bgs.	lb.	.1295 Nom.
Peppermint, USP, bls.	lb.	.60 - .70
import, bls.	lb.	.90 Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1.	lb.	.0782- .0800
l.c.l., same basis.	lb.	.0832- .0850
Zone 2, dms. c.l., works, frt. alld.	lb.	.0832- .0850
l.c.l., same basis.	lb.	.0882- .0900
Zone 3, dms., c.l., works, frt. equald.	lb.	.0882- .0900
l.c.l., same basis.	lb.	.0932- .0950
Zone 4, dms., c.l., f.o.b. stock point.	lb.	.0882- .0900
l.c.l., same basis.	lb.	.0932- .0950

Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.	lb.	1.10 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021 - —
golden Topaz, bbls., c.l.	lb.	.032 - —
l.c.l.	lb.	.036 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l.	lb.	.028 - —
Petroleum, USP, amber, fiber dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
extra amber, fib. dms., c.l.	lb.	.03⅝- —
l.c.l.	lb.	.04⅝- —
cream, c.l., fib. dms.	lb.	.05 - —
l.c.l.	lb.	.06¼- —
yellow, soft, fib. dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
white, lily, fib. dms., c.l.	lb.	.05⅝- —
l.c.l.	lb.	.07¼- —
snow .l., fib. dms.	lb.	.06½- —
l.c.l.	lb.	.08 - —
soft, c.l., fib. dms.	lb.	.05¼- —
l.c.l.	lb.	.06½- —
Petroleum, crude, bulk, at wells, California, heavy grades.	bbl.	.93 - 1.01
Illinois	bbl.	1.37 - —
Kentucky, Union County.	bbl.	1.32 - 1.37
Louisiana-Arkansas	bbl.	.86 - 1.20
Oklahoma-Kansas	bbl.	.85 - 1.25
Pennsylvania	bbl.	1.31 - 3.00
Texas, Gulf Coast.	bbl.	1.06 - 1.36
North, North-Central.	bbl.	1.01 - 1.25
West	bbl.	.70 - 1.12
Panhandle	bbl.	1.10 - 1.22
Savannah, Ga.	bbl.	1.60 - 1.77
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3.	gal.	.18 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
35-60° C., dms., c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
40-75° C., dms., c.l.	gal.	.16 - —
l.c.l.	gal.	.29 - —
10 gals.	gal.	.55 - —
Fuel oil, furnace, tanks, at refinery:— Arkansas, No. 1.	gal.	.04 - —
Nos. 2 and 3.	gal.	.03½- —
California, heavy.	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04 - —
stove dist.	gal.	.05 - —
Group 3, No. 3.	gal.	.03½- —
Group 3, No. 5.	bbl.	.85 - —
No. 6.	bbl.	.80 - .85
Kansas, No. 6.	bbl.	.85 - .90
Oklahoma, No. 2.	gal.	.03⅝- —
No. 6.	bbl.	.90 - —
14-16	bbl.	.97 - —
Pennsylvania, No. 1.	gal.	.07 - .07¾
No. 2.	gal.	.07 - .0805
No. 3.	gal.	.06⅞- .07¾
36-40 gravity.	gal.	.07 - .07¾
bunker C, Baltimore, Md.	bbl.	1.65 - 1.77
Boston, Mass.	bbl.	1.65 - 1.77
Charleston, Mass.	bbl.	1.60 - —
Jacksonville, Fla.	bbl.	1.60 - —
New York, N. Y.	bbl.	1.65 - 2.07
Norfolk, Va.	bbl.	1.65 - 1.77
Philadelphia, Pa.	bbl.	1.65 - —
Portland, Me.	bbl.	1.80 - —
Providence, R. I.	bbl.	1.65 - —
Savannah, Ga.	bbl.	1.65 - 1.77
Wilmington, N. C.	bbl.	1.65 - —
Lacquer diluent, at refinery:— California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles,	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
San Francisco.	gal.	.11½- —
Willbridge, Ore.	gal.	.12 - —
East Coast, N. J., N. Y. tanks.	gal.	.11½- —
	gal.	.07⅞- —
Group 3, benzol type, tanks, toluol type, tanks.	gal.	.07⅞- .07⅛
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks,	gal.	.10½- —
198-200 b.r., tanks.	gal.	.10¼- —
246-397 b.r., tanks.	gal.	.10½- —
312-408 b.r., tanks.	gal.	.09 - —
362-459 b.r., tanks.	gal.	.09 - —
East Coast, N. J., N. Y.	gal.	.10 - —
Group 3, tanks.	gal.	.06½- —
tankwagon, Baltimore.	gal.	.12 - .13
Boston	gal.	.12 - —
Bridgeport, Conn.	gal.	.1630- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.13½- —
Detroit	gal.	.1580- —
Hartford	gal.	.1630- —
Kansas City, Mo.	gal.	.1480- —
Lancaster, Pa.	gal.	.12 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
Newark (200 gal.)	gal.	.11 - —
New York (200 gal.)	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.129 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.13 - —
Wilmington, Del.	gal.	.13 - —
Naphtha, cleaners, at refinery:— California (f.o.b. San Francisco), tanks.	gal.	.12 - —
East Coast, N. J., N. Y., tanks.	gal.	.11 - —
Group 3, tanks.	gal.	.07⅛- —
tankwagons, Newark.	gal.	.12 - —
Bridgeport	gal.	.1730- —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
New York.	gal.	.12 - —
Philadelphia	gal.	.125 - —
St. Louis.	gal.	.1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J	gal.	.21½- —
No. 2, over 90% arom., same basis.	gal.	.21½- —
No. 3, same basis.	gal.	.23½- —
No. 8, tanks, same basis.	gal.	.228 - —
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld.	gal.	.223 - —
No. 40, tanks, Wilmington, Cal	gal.	.13½- —
V.M.&P., at refinery:— California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo.	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-77, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles.	gal.	.10 - —
San Francisco	gal.	.10½- —
Portland, Seattle.	gal.	.11 - —
East Coast, N. J., N. Y., tanks.	gal.	.11 - —
Group 3, tanks.	gal.	.07½- —
Gulf Coast (dlvd. New Orleans), tanks.	gal.	.06½- —
tankwagon, Boston	gal.	.13 - —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1540- —
Minneapolis	gal.	.1520- —
Newark (200 gal)	gal.	.125 - —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
Pittsburgh	gal.	.12½- —
St. Louis.	gal.	.1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco).	gal.	.23½- —
East Coast, N. J., N. Y., tanks.	gal.	.11 - —
Group 3, tanks.	gal.	.07⅛- .07⅛



There's Going to Be the Devil to Pay!

Yes—and there's the devil to pay in your plant if lack of uniformity in solvents throws the whole production line out of gear.

But—you can avoid that headache by specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow, or any time, will be identical in characteristics with that same type ordered now. SKELLYSOLVE means dependable uniformity, because, in refining it, we depend on *accurate, scientific, instrumented quality control.*

SKELLYSOLVE
in the* OIL, PAINT *and
DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY OIL COMPANY · SKELLY · SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Petroleum solvent, Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10⅝- —
tanks, same basis.....lb. .09 - —
52-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09⅝- .10¼
l.c.l., same basis.....lb. .10½- .10⅝
tanks, same basis.. .....lb. .08⅝- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
yellow, fib. dms., 2,000 lbs..lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l.....
long ton. 2.00 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.40 - —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton. 3.00 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.00 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.75 - —
31%, P_2O_5 minimum.. short ton. 3.00 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.25 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% i. & a., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
72%-70% b.p.l., 5½% i. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis.. short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs. .....lb. .28 - .25
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .22 - .23
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djne..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09⅝- —
l.c.l., works.....lb. .09⅝- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32

Potash carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06⅝- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05⅝- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08¼- .08¾
tanks .....lb. .02⅞- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02⅝- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11⅝
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works. lb. .09⅝- .11⅝
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .38½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —

Potash iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[5] offered from consignments afloat, subject to safe arrivals..unit-ton. .53¾- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09¼- .11
Permanganate, tech., dms., works..lb. .19¾- .20¾
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms..lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l. .....100 lbs.15.25 - —

Potash silicate, solution 20° Be, ret. drums, c.l., works.. 100 lbs. 4.25 - —
l.c.l., 5 or more, works.. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[6] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphecyanide, NF, dms.....lb. .70 - .75
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03⅝- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —

BE QUALITY-SURE WITH WITCO FERROX YELLOWS

Replacing critical chromes, WITCO Ferrox Yellows combine the advantages of high tinctorial strength...high covering power...easy grinding...and afford a wide range of adaptability in the compounding of paint and enamel. Free of soluble salts, these hydrated iron oxides have a fluffy texture, are easily worked and have a tinting strength 4 to 5 times that of ordinary ochres. Send for samples and further details.

WITCO CHEMICAL COMPANY
MANUFACTURERS AND EXPORTERS
[Formerly Wishnick-Tumpeer, Inc.]
295 MADISON AVENUE, NEW YORK 17, NEW YORK
Boston • Chicago • Detroit • Cleveland • Akron • London

Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .68 - .69
Pumice, grd., fine, bgs., ton lots, lb. .03⅜- —
smaller lots.....lb. .03⅝- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03⅝- —
smaller lots.....lb. .03⅞- .04¼
Chi., ton lots.....lb. .04½- —
Pumice packed in barrels is ½c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum[6] concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 c.c., dms., dlvd. gal. 5.75 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd.gal. 8.53 - —
flowers,[6] coarse-grd. (g.f.p.), 0.9% pyrethrins, bbls., frt. all..lb. .27 - .28
fine-grd., 1.3 pyrethrins, bbls., frt. alld..lb. .39 - —
powd., 0.5 pyrethrins, bbls., frt. alld..lb. .23 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equaid..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports, long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., works. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .15
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05⅛
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .05⅝
dissolved, 35% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[3], flasks (76 lbs. net)..flask. 98.00 -103.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.08 + .13½*
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½*
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs..... 1.07 + .13½
Bisulphite, USP, cns., 100 ozs. oz. .69 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydriodide, cns., 100 ozs..oz. 1.05 + .13¼
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs.oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs...oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

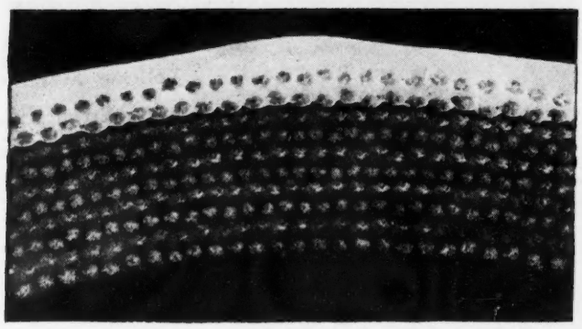
R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. .95 - 1.00
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

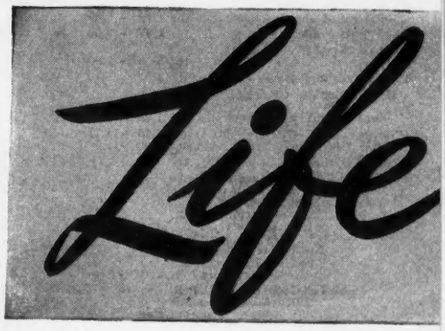
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .30 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Red, carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Red, metallic, bbls., Pa., works, lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04⅝- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. 0220- —
10%, bbls., works.....lb. 0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[3] NF, powd., flb. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams.kilo.280.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't. lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13½- .14
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.60 - —
D, dms., c.l.....100 lbs. 5.65 - —
E, dms., c.l.....100 lbs. 6.20 - —
F, dms., c.l.....100 lbs. 6.25 - —
G, dms., c.l.....100 lbs. 6.27 - —
H, dms., c.l.....100 lbs. 6.25 - —
I, dms., c.l.....100 lbs. 6.25 - —
K, dms., c.l.....100 lbs. 6.40 - —
M, dms., c.l.....100 lbs. 6.45 - —
N, dms., c.l.....100 lbs. 6.55 - —
W.G., dms., c.l.....100 lbs. 6.75 - —
W.W., dms., c.l.....100 lbs. 7.00 - —
X, dms., c.l.....100 lbs. 7.00 - —
Wood, F.F., dms., c.l..100 lbs. 3.78 - 3.98
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis.lb. 1.40 - 1.60





(*Above*) **CROSS-SECTION OF TIRE** shows tread at top, then breaker cord, breaker and cushion stock, skim stock, carcass cord.

CAPTURED GERMAN TIRES ANALYZED BY MEANS OF INFRARED SPECTROSCOPY to determine accurately the percentage composition and type of rubbers. Tests were made by chemists in the Stamford Research Laboratories of American Cyanamid for the Army Ordnance Department, using colorimetric methods using visible light and by infrared spectroscopy.

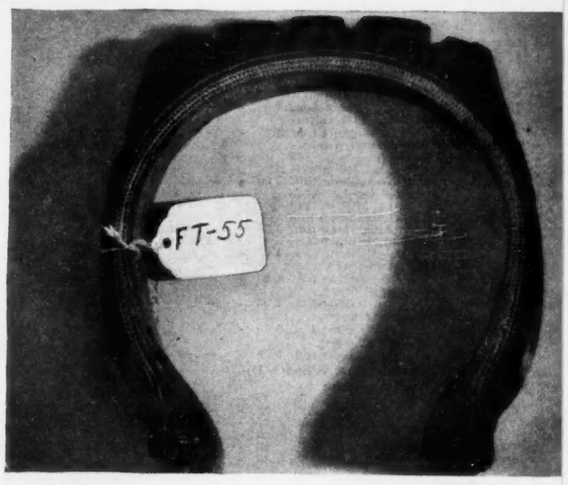
Ten samples of carcass stocks tested showed natural rubber in all cases, varying in amount from 25% to 100%. Of an equal number of tread stocks analyzed, one was wholly natural rubber and nine were pure Buna S. Tubes contained from 75% to 100% natural rubber.

The tires were cross-sectioned, photographed, and labeled, as shown here. Wherever possible, samples of the tread, cushion, breaker, and carcass stocks were removed from each tire and subjected to the two analytical procedures.

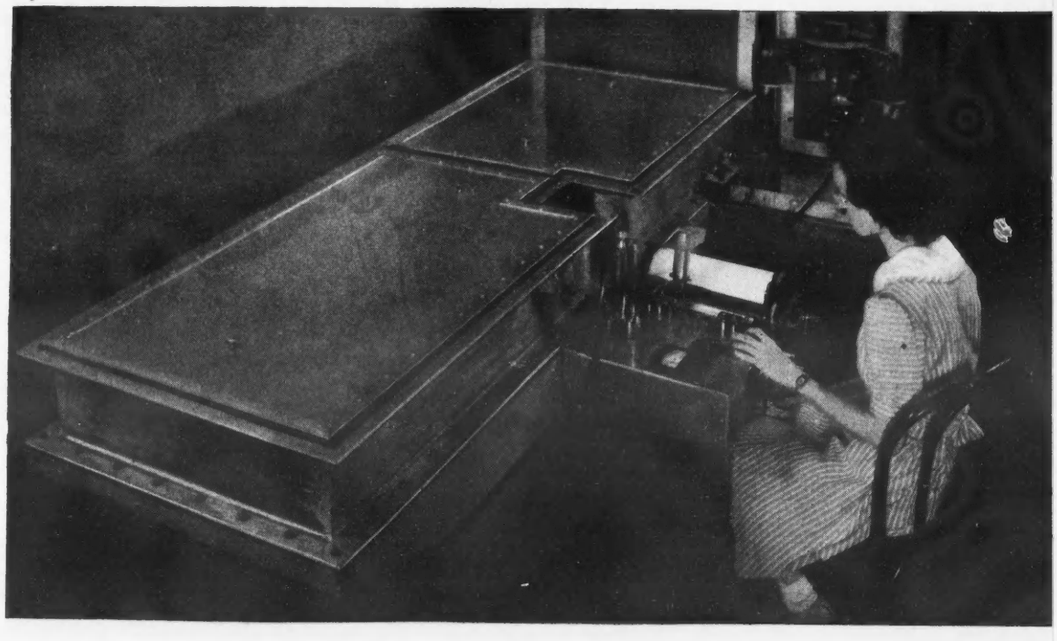
In the first, samples were subjected to an ultraviolet spectrochemical analysis, using a large Hilger E-1 spectrograph, to determine the metal content. Exact values for the phosphorus contents were determined through the use of another spectrochemical tool, the visible light spectrophotometer.

Analysis of the rubber by infrared spectroscopy was based on direct measurement of the strength of absorption bands unique to each component, and by comparison of the infrared absorption spectra of the unknown with those of a series of known prepared standards.

(*Below*) **INFRARED SPECTROSCOPY** has proved extraordinarily useful in recent development in the chemistry of hydrocarbons.



(*Above*) **FIRST STEP IN SAMPLING PROCEDURE** was to cross-section tires and samples to ensure permanent record and ready identification.



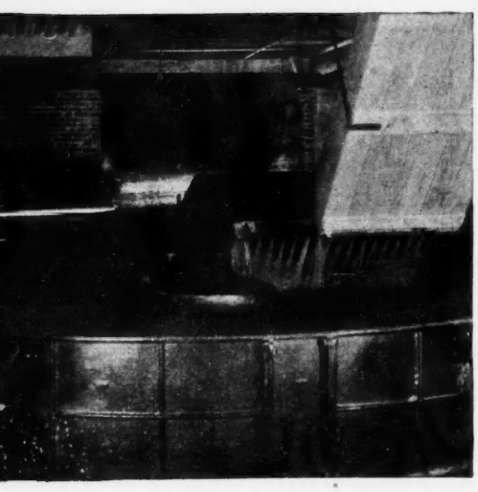
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb.45.00 Nom.
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., Dalmatian type, choice, bgs., f.o.b. Coast..lb. .80 - .81
Cyprus, good, bls.....lb. .21½- .22
fair, bls.....lb. .17½- .18
Spanish, bls.....lb. .20½- .21
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., b lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons....100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .18 - .21
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .33 - .34
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns..lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10

Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33⅜- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34½- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. .90 - .95
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3980- —

Shellac, TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis.....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44⅜- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44⅜- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32⅜- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338

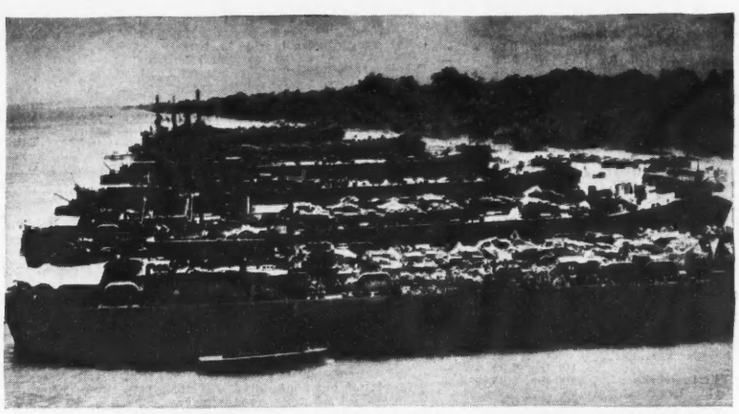
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. No stocks
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
gran., powd., 60%, bbls., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works..... .....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.13 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
bbls., l.c.l., dlvd. zone 1... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works..... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.51 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 3.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.06
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼

On The Chemical Newsfront



(*Above*) **FLAME RESISTANCE TEST** demonstrates the relative flame resistance of phenolic (left) and melamine (right) plastic laminates. As shown, the phenolic is burning, while the melamine, such as Cyanamid's MELMAC* laminating resins, fails to support combustion. Both samples have cellulose bases.

CONSTANT CONTROL throughout the cture of Cyanamid Palewood Rosin ures the paper manufacturer of a prod- exceptional cleanliness which can be t the beater with complete assurance quality performance. Palewood Rosin mparable in color to high grade gum only one of a complete range of Rosin roduced by Cyanamid from gum or sin in pale grades to more economical available from convenient manufac- nd wholesale points.



MERICAN MEN AND MATERIEL are being d on fighting fronts all over the world Ts such as these on the beach at Cape ter, New Britain. Supplies and equip- ust be paid for with the help of your invested in War Bonds. The Fifth an drive is on. Put it over the top! he Attack!—Buy More Than Before!"

*Reg. U. S. Pat. Off.

merican Cyanamid & Chemical Corporation

(A Unit of American Cyanamid Company)

30 ROCKEFELLER PLAZA - NEW YORK 20, N. Y.

Soda chromate,[2,5] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10¼
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms. .....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. .....lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis..100 lbs. 2.50 - —
pea, bgs., c.l., works...100 lbs. 2.90 - —
l.c.l., works...100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher, in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate,[8] anhyd., dms., c.l., works, frt. equald..... 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.50
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[4] anhyd., kgs., works. lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[9] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports..100 lbs. 8.00 - 8.55
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald..lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .15 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis...100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis...100 lbs. 3.40 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10½
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.28 - 6.10
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls.....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms. 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80

Soda sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, bgs., c.l., works...lb. 2.10 - —
l.c.l., works.....lb. 2.35 - —
bbls., c.l., works.....lb. 2.30 - —
l.c.l., works.....lb. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .31 - .32
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol,[6] com'l, dms., works..lb. .17¾- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19¼- .19½
less than 100 lbs., works. lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01½- —
pwd., super. brs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98% bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, works, frt. alld. lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .58 - —
powd., c.s., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 8.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
Sulphur, flour, comm'l, 99½%, bgs., c.l., works...100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs. lb. .18 - .30
refined, flour, extra fine, bgs... c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Cloride, 55 - gal. dms., c.l., works..lb. .03 - .03¼
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07¼
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, comml. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04¾- .06
tanks, works.....lb. .04 - .06
Sulphur dioxide, liquid, refrigeration, cyls., works..lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11

Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Baito..unit-ton. .64 - —
Florida .....unit-ton. .50 - .53
others .....unit-ton. .55 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher. triple, 40% and more a.p.a., bulk, producing points, Florida, unit-ton. .62 - —
South Carolina..unit-ton. .65 - —
Tennessee .....unit-ton. .74 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works. ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l.,works.ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fmp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,5] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brazil, bgs...lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27¼
l.c.l., works.....gal. .28½- .29¾
25%, dms., c.l., works..gal. .30 - .31¼
l.c.l., works.....lb. .32 - .33½
Pine, retort, dms., c.l., dlvd., East..gal. .32¾- —
l.c.l., works.....(gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25¼
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see Amyl).
Com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrailin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots..lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.200.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.19
dms.....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[3,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits .....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd...lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16¾- —
smaller lots dlvd.....lb. .17 - .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¼c. higher: Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .32 - —
Triamyl borate, dms., works..lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
dms., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, frt. alld. Zone 1..lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54¼
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....L. .40¼- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31¾
tanks, dlvd..lb. .24 - .30
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works...lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., l.c.l., dlvd.....lb. .85 - —
tanks .....lb. .80 - —
Trinitrotoluol, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .84½- .85
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[2] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports. ton.57.40 - —
Urea-ammonia liquor, 45% N., tankcars, c.l., works or A. or G. ports..ton N.121.58 - —
37% N. (insoluble), same basis. ton N.127.00 - —
Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.00 - 9.50
Mexican, cuts, tins.....lb. 7.50 - 8.00
whole, tins.....lb. 9.00 - 9.50
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots. ex eugenol, ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works...lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account... ton.50.00 - —

Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.. per ton.50.00 -55.00
extract liquid, 35% tannin, bbls., works..lb. .05 - .06
tanks ..lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots..lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots..lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots..lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots..lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots..lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs..lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton..lb. .58½- .60½
slabs, bgs., ton..lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53¼- —
disc., bgs., tons..lb. .55½- —
ctns., ton..lb. .56½- .58¼
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton..lb. .61 - .63
slabs, bgs., ton..lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .36 - —
smaller lots..lb. .37 - .46
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton..lb. .44 - —
smaller lots..lb. .45 - .54
Carnauba,[1] chalky No. 3, bgs., ton. .71¼- —
smaller lots..lb. .72½- .81¼
North Country No. 2, bgs., ton. .75¾- —
smaller lots..lb. .76¾- .85¾
No. 3, bgs., ton..lb. .73½- —
smaller lots..lb. .74½- .83½
refined, bgs., ton..lb. .76¾- .80
smaller lots..lb. .77¾- .90
yellow, No. 1, bgs., ton..lb. .83¼- —
smaller lots..lb. .84½- .93¼
No. 2, bgs., ton..lb. .81¼- —
smaller lots..lb. .82¼- .91¼
No. 3, bgs., ton..lb. .79 - —
smaller lots..lb. .80 - .89
powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots..lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots..lb. .16¼- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots..lb. .17½- .18
Japan, cs..lb. No stocks
Montan, bgs..lb. No stocks
Ouricury,[1] bgs., ton..lb. .49½- .51¾
smaller lots..lb. .50½- .61¾
Ouricury,[1] bgs., ton..lb. .49½- .51¾
refined, bgs., ton..lb. .62 - —
smaller lots..lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs..lb. .26 - .27
cakes, cs..lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l., ton.18.00 -22.00
l.c.l. ..ton.20.00 -24.00
wet-ground, bgs., c.l..ton.21.00 -25.00
l.c.l. ..ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. ..ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. ..ton.23.00 -27.00
Paris white, bgs., c.l..ton.24.00 -28.00
l.c.l. ..ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks. ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. ..ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls..lb. .18 - .19
rossed, green, bls..lb. .23 - .24
Wild indigo root, bls..lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls..lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis..ton.24.00 - —
80 mesh, same basis..ton.27.00 - —
100 mesh, same basis..ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs..lb. .20 - .23
Levant ..lb. 6.50 - —
Wormwood, bls..lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[6] (xylene), indus. dms. returned, works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works...gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nr. N. J.....gal. .26 - —
Xylidin, mixed, dms..lb. .35 - .36

Y

Yara yara, cryst., bots., ens...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms..lb. .45 - —
200 B units, dms..lb. .50 - —
300 B units, dms..lb. .90 - —
Yellow, benzidin, bbls., dlvd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts. lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls..lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots..lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. 04½- .06¼
yellow, bbls., works..lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l. ..lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l., same basis..lb. .05 - —
synth., bbls., c.l., works...lb. .07 - —
l.c.l., works..lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls..lb. .38 - .40
Yellow root (xanthorisa), bls..lb. .18 - .20
Yerba santa leaves, bls..lb. .24 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works..lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs..lb. .26 - .27
kgs., 100 lbs..lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13¼
l.c.l., same basis..lb. .12¼- .13¾
Borate, bgs., c.l..lb. .12 - —
l.c.l. ..lb. .12¼- —
Carbonate, tech., bbls.....lb. .14 - .20
USP, precip., powd., bbls..lb. .35 - —
dms. ..lb. .40 - —
kgs. ..lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
grand., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
USP, dms..lb. .30 - .31
jars ..lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works..lb. .04¼- .04½
tanks, works..lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works..lb. .1135- —
Fluoride, bbls..lb. .25 - .30
Iodide, NF, bots..lb. 4.54 - —
jars ..lb. 4 40 - —
Metal,[1,6,8] (quotations in Paint Market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19½
Zinc laurate, bbls..lb. .32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd..lb. .07½- —
American process, com'l, lead free,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd..lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd..lb. .07½- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd..lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd...lb. .07¼- —
l.c.l., dlvd..lb. .07½- —
green seal, bgs., c.l., dlvd. lb. .09 - —
l.c.l., dlvd..lb. .09¼- —
red seal, bgs., c.l., dlvd.lb. .08¼- —
l.c.l., dlvd..lb. .08¾- —
white seal, bgs., c.l., dlvd. lb. .09¼- —
l.c.l., dlvd..lb. .09¾- —
USP,[6] 50-lb. ctns., c.l.....lb. .10½- —
l.c.l. ..lb. .10¾- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls..lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls..lb. .15 - .18
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l..... 100 lbs. 3.60 - —
l.c.l. ..100 lbs. 4.35 - —
flake, bgs., c.l.....100 lbs. 4.10 - —
l.c.l. ..100 lbs. 4.85 - —

Zinc sulphate, powd., bgs., c.l., 100 lbs. 5.80 - —
l.c.l. .....100 lbs. 6.55 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms. lb. .26 - .31
Tallate, 5% Zn, 50-gal. dms.lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.00 - 2.35
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst.....lb. .06½- —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98% grd., kgs., works. lb. 1.80 - 2.00
ex whse., Pac. cst....lb. .07 - —

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)
Amberol, phenol formaldehyde type, F-7, extra light, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- .16
light, bbls., c.l., same basis lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
Amberol, phenol formaldehyde, type, F-7, dark, bbls., c.l., same basis..lb. .14 - —
l.c.l., same basis....lb. .14½- .15
F-77, bbls., c.l., works...lb. .18½- —
l.c.l., same basis....lb. .19 - .19½
F-71, light, bbls., c.l., works lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
K-12-A, bbls., c.l., works.lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
105-F, A-105-F, bbls., c.l., works..lb. .13 - —
l.c.l., same basis....lb. .13½- .14
B/S-1, extra light, bbls., c.l., works..lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
light, bbls., c.l., same basis lb. .13 - —
l.c.l., same basis....lb. .13½- .14
dark, bbls., c.l., same basis lb. .12½- —
l.c.l., same basis....lb. .13 - .13½
M-82, bbls., c.l., works...lb. .14 - —
l.c.l., same basis....lb. .14½- .15
M-86, bbls., c.l., works...lb. .15 - —
l.c.l., same basis....lb. .15½- .16
M-88, bbls., c.l., works...lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
M-93, bbls., c.l., works...lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
226, bbls., c.l., works....lb. .22½- —
l.c.l., same basis....lb. .23 - .23½
ST-137, bbls., c.l., works.lb. .33 - —
l.c.l., same basis....lb. .33½- .34
ST-137X, bbls., c.l., works. lb. .32 - —
l.c.l., same basis....lb. .32½- .33
rosin maleic type, 800, extra light and light, bbls., c.l., works..lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
801, extra light and light, and 801P, bbls., c.l.lb. .15 - —
l.c.l., same basis....lb. .15½- .16
806P, bbls., c.l., works...lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
808, bbls., c.l., works...lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
925, bbls., c.l., works....lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
926, bbls., c.l., works....lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
750, bbls., c.l., works....lb. .27 - —
l.c.l., same basis....lb. .27½- .28
Aroclors, distilled, dms., c.l, works..lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works.lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening, BR-254, non-ret. bbls., 30,000 lbs., works.....lb. .33 - —
15,000 lbs., works...lb. .33½- —
5,000 lbs., works...lb. .34 - —
Bakelite, 100% pale, non-heat hardening, BR-9432, non-ret. bbls., 30,000 lbs., works..lb. .31 - —
15,000 lbs., works.....lb. .31½- —
5,000 lbs., works.....lb. .32 - —
BR-4036, non-ret. bbls., 30,000 lbs., works.lb. .37 - —
15,000 lbs., works...lb. .37½- —
5,000 lbs., works...lb. .38 - —
dark, non-heat hardening, BR-1329, non-ret. bbls., 30,000 lbs., works..lb. .29 - —
15,000 lbs., works...lb. .29½- —
5,000 lbs., works...lb. .30 - —
BR-9476, non-ret, bbls., No. 250, 30,000 lbs., works,. lb. .29 - —
15,000 lbs., works.....lb. .29½- —
5,000 lbs., works.....lb. .30 - —
pale, heat-hardening, BR-3360, non-ret. bbls., 30,000 lbs., works.lb. .36 - —
15,000 lbs., works...lb. .36½- —
5,000 lbs., works...lb. .37 - —
BR-14634, non-ret. bbls., 30,000 lbs., works.lb. .30 - —
15,000 lbs., works...lb. .30½- —
5,000 lbs., works...lb. .31 - —
BR-10282, non-ret. bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works...lb. .32½- —
5,000 lbs., works...lb. .33 - —
phenolic dispersion resins, BK-3962X, non- ret. bbls., 30,000 lbs., works..lb. .277 - —
15,000 lbs., works...lb. .282 - —
5,000 lbs., works...lb. .287 - —
XK-16624, non-ret. bbls., 30,000 lbs., works..lb. .22½- —
15,000 lbs., works...lb. .23 - —
5,000 lbs., works...lb. .23½- —
XK-16,700, ret. dms., A, No. 400, 30,000 lbs., works.. lb. .27 - —
15,000 lbs., works.....lb. .27½- —
5,000 lbs., works.....lb. .28 - —
oil modified, BR-302, non-ret. bbls., 30,000 lbs., works..lb. .346 - —
15,000 lbs., works...lb. .351 - —
5,000 lbs., works...lb. .356 - —
resin baking types, BV-1600, ret. dms., dm. charges not included, 30,000 lbs., works..lb. .30 - —
15,000 lbs., works...lb. .30½- —
5,000 lbs., works...lb. .31 - —
BV-8906, ret. dms., dm., charges included, 30,000 lbs., works..lb. .20 - —
15,000 lbs., works...lb. .20½- —
5,000 lbs., works...lb. .21 - —
XV-16607, ret. dms., dm. charges included, 30,000 lbs., works..lb. .22 - —
15,000 lbs., works...lb. .22½- —
5,000 lbs., works...lb. .23 - —
XV-16716, ret. dms., B, No. 450, 30,000 lbs., works. lb. .23½- —
15,000 lbs., works.....lb. .24 - —
5,000 lbs., works.....lb. .24½- —
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works...lb. .45½- —
5,000 lbs., works...lb. .46 - —
XR-4357, non-ret. dms., 30,000 lbs., works...lb. .45 - —
15,000 lbs., works...lb. .45½- —
5,000 lbs., works...lb. .46 - —
XJ-10433, ret. dms., dm. charges not included, 30,000 lbs., works.lb. .37 - —
15,000 lbs., works...lb. .37½- —
5,000 lbs., works...lb. .38 - —
BJ-15408, non-ret. bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works...lb. .25 - —
BR-9366, non-ret. bbls., 30,000 lbs., works..lb. .18½- —
15,000 lbs., works...lb. .19 - —
5,000 lbs., works...lb. .19½- —
glycerine reactive, BR-10025, non-ret. bbls., 30,000 lbs., works..lb. .28 - —
15,000 lbs., works...lb. .28½- —
5,000 lbs., works...lb. .29 - —
resin modified, BR-2963, non-ret. bbls., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works...lb. .22½- —
5,000 lbs., works...lb. .23 - —
BR-11504, non-ret. bbls., 30,000 lbs., works..lb. .18 - —
15,000 lbs., works...lb. .18½- —
5,000 lbs., works...lb. .19 - —
BR-11544, non-ret. bbls., 30,000 lbs., works.lb. .18 - —
15,000 lbs., works...lb. .18½- —
5,000 lbs., works...lb. .19 - —
C-9 resins, solid types, BR-13202, non-ret. bbls., 30,000 lbs., works.lb. .15 - —
15,000 lbs., works...lb. .15½- —
5,000 lbs., works...lb. .16 - —
XR-13260, non-ret. bbls., 30,000 lbs., works.lb. .37 - —
15,000 lbs., works...lb. .37½- —
5,000 lbs., works...lb. .38 - —
liquid types, BR-14590, non-ret. bbls., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works.lb. .26½- —
5,000 lbs., works.lb. .27 - —
XR-15780, non-ret. bbls., 30,000 lbs., works..lb. .34 - —
15,000 lbs., works...lb. .34½- —
5,000 lbs., works...lb. .35 - —
XR-16640, non- ret. bbls., 30,000 lbs., works..lb. .34 - —
15,000 lbs., works...lb. .34½- —
5,000 lbs., works...lb. .35 - —
XJ - 16580, ret. d ms., charges included, 30,000 lbs., works..lb. .26 - —
15,000 lbs., works.lb. .26½- —
5,000 lbs., works.lb. .27 - —
XR-15840, non-ret. bbls., 30,000 lbs., works..lb. .34 - —
5,000 lbs., works...lb. .35 - —
Beckacite, 1100 M-K, 1112-WG-N, c.l..lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1102, M-K, c.l.....lb. .12 - —
l.c.l., same basis.....lb. .12½- .13
1116, K-1, 1123 M-K, c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1124, M-K; P-306, M-K, c.l. lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
P-370, M-K, c.l.....lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
P-405, N-K, c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-406, M-I, c.l.....lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
1110, N-M, c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
IIII WG-N, No. 1120, M-K, l.c. lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckopol, 1400 M-K, c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
Beckosol, solid, No. 18, 4-5 (80% M.S.), c.l..lb. .26 - —
l.c.l. same basis.....lb. .27 - .28
No. 24, 4-5L (80% toluol), c.l. lb. .33 - —
l.c.l., same basis.....lb. .34 - .35
Beckosol, No. 36, 4-5 (60% toluol), c.l..lb. .38 - —
l.c.l., same basis.....lb. .39 - .40
Cumar resin, AX, non-ret. drums. lb. .06¼- —
BX .....lb. .06¼- —
CX, net weight.....lb. .061 - —
DX, gross weight.....lb. .05½- —
EX, gross weight.....lb. .05½- —
FX, gross weight.....lb. .05¾- —
MH, col. 1.....lb. .11¾- —
1½-2 .....lb. .10¾- —
2½-3½ .....lb. .09¾- —
9 .....lb. .06½- —
MS .....lb. .10¾- —
P 10°-90° C., col. 2½ and darker, lb. .10¾- —
RH .....lb. .10¾- —
RS .....lb. .10¾- —
V col. ½.....lb. .12¾- —
1 .....lb. .11¾- —
1½-2 .....lb. .10¾- —
2½ and darker.....lb. .09¾- —
Cumar resin, W col. ½.....lb. .13½- —
1 .....lb. .12½- —
1½-2 .....lb. .11½- —
2½ and darker.....lb. .10½- —

All "P" grades with melting point below 50 degrees centigrade, and grades AX, BX and CX are shipped in steel drums, with the three last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durite, 1301, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., dlvd..lb. .15½- —
l.c.l. .....lb. .16 - .16½
B, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
E, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
H-1, c.l., dlvd.....lb. .19 - —
l.c.l. .....lb. .19½- —
PV, c.l., dlvd.....lb. .16¾- —
l.c.l. .....lb. .17¼- —
11, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- —
22, c.l., dlvd.....lb. .13 - —
l.c.l. .....lb. .13½- —
22-B, c.l., dlvd.....lb. .10½- —
l.c.l. .....lb. .11 - —
33, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
44, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
44B, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .15½- .16
55, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - .16½
562, c.l., dlvd.....lb. .16½- —
l.c.l. .....lb. .17 - —
640-N, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
660-N, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- —
750, any quantity, dlvd.....lb. .15 - —
850, c.l., dlvd.....lb. .17 - —
l.c.l. .....lb. .17½- .18
1800, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
1825, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - .18½
2185, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
2196, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
2600, c.l., dlvd.....lb. .18 - —
l.c.l. .....lb. .18½- —
2633, c.l., dlvd.....lb. .14½- —
l.c.l. .....lb. .15 - —
2728, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16 - .17
2775-BS, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
4040, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16

F

Flexalyn solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb. .1222- —
l.c.l., 10 dms., same basis..lb. .1297- —
single dms., same basis..lb. .1447- —
smaller lots, same basis..lb. .1947- —
C solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1147- —
10 dms., same basis.....lb. .1222- —
single dms., same basis...lb. .1372- —
smaller lots, same basis...lb. .1872- —

G

G, resin, dms., gross weight, works..lb. .08 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works.. lb. .40 - —
5,000 to 29,999 lbs., same basis..lb. .41 - —
200 to 4,999 lbs., same basis. lb. .44 - —
up to 199 lbs., same basis..lb. .57 - —
No. 202, 30,000 lbs., works..lb. .48 - —
5,000 to 29,999 lbs., same basis..lb. .49 - —
200 to 4,999 lbs., same basis. lb. .53 - —
up to 199 lbs., same basis..lb. .68 - —
No. 203, 30,000 lbs., works...lb. .52 - —
5,000 to 29,999 lbs., same basis..lb. .53 - —
200 to 4,999 lbs., same basis. lb. .57 - —
up to 199 lbs.. same basis..lb. .74 - —
Guai-a-phene, dms. (dm. deposit $6.00), works..gal. 2.47 - —
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..gal. 2.62 - —
1-3 gals., cns., works....gal. 2.82 - —

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.
Hydrogum, P-190 WW-WG, c.l.. lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½

J

Jozite (see zinc-iron oxide pigment in regular list above).

K

Kadox (zinc oxide), East of Pacific Coast:—
Nos. 15, 17 and 72, bgs., c.l., dlvd.....lb. .07¼- —
Nos. 15, 17 and 72, bbls., c.l., dlvd. .....lb. .07¼- —
l.c.l., bgs., dlvd.....lb. .07¼- —
bbls., dlvd.....lb. .07¾- —

CMP Secondary Users Rules Spelled Out

OPD Washington Bureau

In making returns of unused allotments to Claimant Agencies or WPB Industry Divisions, secondary consumers of controlled materials should make separate returns for each different item they are manufacturing and for which they have unused allotments, the War Production Board has announced.

Each item is identified by a different abbreviated allotment number (Industry Division or Claimant Agency letter of symbol followed by the first digit of the program number). Separate returns for each abbreviated allotment number should be made, regardless of whether such return is being made on Form CMP-32 or by letter, both of which methods are permitted under the rules governing such returns of allotments. These rules are spelled out in direction No. 26, as amended June 21, 1944, to CMP Regulation No. 1.

U.S. Revenue Showed Sharp Rise in April

Bureau of Internal Revenue, Washington, reports taxes collected for April, 1944, compared with April, 1943, were as follows:—

Taxes Collected

	April 1944	April 1943
Coconut, etc., oils, processed	$530,427.29	$396,642.69
Distilled spirits, domestic, excise tax $6 per gallon..	60,589,171.85	54,764,847.45
Distilled spirits, imported, excise tax $6 per gallon	42,727,488.76	8,765,984.35
Gasoline	15,953,485.28	17,709,506.77
Lubricating oils	3,496,379.91	3,767,417.33
Narcotics, including special taxes..	44,800.50	40,499.62
Oleomargarin special taxes	243,938.76	143,889.68
Totals	$3,330,663,448.12	$1,472,582,204.37

Quantities Taxed

	April 1944	April 1943
Distilled spirits, domestix. tax gallons	6,732,130	9,127,477
Distilled spirits, imported, tax gallons	4,747,499	1,460,997
Distilled spirits, rectified, proof gallons	5,324,602	4,797,622
Oleomargarin, colored, pounds	1,291,412	284,004

Esso Gets 'E' Award

Esso laboratories of the Standard Oil Development Company has been awarded the Army-Navy Production "E".

WPB Formulates Rules

—*Continued from page 4*

which they were originally acquired, if such materials cannot be used for such original purposes, WPB pointed out. The application should be by letter, WPB added, which should set forth:—(1) a description of the materials which the applicant desires to use; (2) how such materials were obtained, and (3) any other relevant facts which might be required for acting on the application. WPB will grant permission for the use of excess materials under the following circumstances:—

1. If the intended use of the materials would be permitted if the same materials were acquired through a special sale under Priorities Regulation No. 13. 2. If the use of the materials in production in any one plant, or the labor requirements for that production, will not interfere with war production in that plant or in any other plant located in the same area.

Both direction No. 52 to CMP Regulation No. 1 and direction No. 4 to Priorities Regulation No. 1 point out that authorizations which may be granted under their terms will not be exceptions to the provisions of any E, L or M order or any direction issued under any such order.

Rubber from Petroleum

—*Continued from page 7*

40 percent from petroleum. During July and August, the proportions will be 70 percent from alcohol and 30 percent from petroleum, and thereafter the rubber program calls for only 45 percent from alcohol and the remaining 55 percent from petroleum. The plants to be affected by the cutback are:—

The Humble Oil & Refining Company, Baytown, Tex.; the Neches Butadiene Products Company, Port Neches, Tex.; the Cities Service Company, Lake Charles, La.; the Phillips Petroleum Company, Borger, Tex.; Shell Chemical Division of the Shell Union Oil Company, Torrence Calif.; the Sinclair Refining Company, Houston, Tex., and the Standard Oil Company of Louisiana, Baton Rouge.

M.C.A. Member of A.S.T.M. Safety Code Committee

The American Standards Association has announced that the Manufacturing Chemists' Association is now a member of the safety code correlating committee. This group will be represented by Harold L. Miner of E. I. du Pont de Nemours & Co., already on the committee as a representative of the National Fire Prevention Association.

Kadox, No. 25, bgs., c.l., dlvd..lb. .08½- —
bbls., c.l., dlvd.....lb. .08⅝- —
l.c.l., bgs., dlvd.....lb. .08⅝- —
l.c.l., bbls., dlvd.....lb. .09 - —

Pacific Coast prices ½c. per lb. higher; l.c.l. prices ex warehouse.

Kopol, 500, esterfied, D-B, c.l..lb. .22 - —
l.c.l. .....lb. .22½- .23
501, fused, c.l.....lb. .20 - —
l.c.l. .....lb. .20½- .21

L

Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms., same basis..lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —
33, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers extra, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.50 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14⅝- —
190, dms., c.l., dlvd.....lb. .18⅝- —
290, dms., c.l., dlvd.....lb. .20⅝- —
fatty acid, 3R, dms., c.l., dlvd..lb. .14⅝- —
17, dms., c.l., dlvd.....lb. .12⅝- —
19, dms., c.l., dlvd.....lb. .10⅝- —

Neo-fat prices are 1c. per lb. higher in all States west of the Rocky Mountains and ½c. per lb. higher in Texas and Oklahoma. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color, 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483 same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —
Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13½- —
R-3, nevindene, col. 1, dms., works..lb. .12½- —
R-5, nevindene, col. 1½-2, dms., works..lb. .11½- —
R-6 nevindene, col. 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., col. below 3, dms., works..lb. .12¾- —
Neville resin, R-9, hard, col. ½, dms., works..lb. .12¾- —
R-10, hard, col. 1, dms., works..lb. .11¾- —
R-11, hard, col. 1½-2, dms., works..lb. .10¾- —
R-12, hard, col. 2½-3½, dms., works..lb. .09¾- —
R-13, medium, col. ½, dms., works..lb. .12¾- —
R-14, medium, col. 1, dms., works..lb. .11¾- —
R-15, medium, col. 1½-2, dms., works..lb. .10¾- —
R-16, medium, col, 2½-4, dms., works..lb. .09¾- —
R-16A, medium, col. 7-10, dms., works..lb. .08½- —
R-17, medium, soft, col. 3½-8, dms., works..lb. .10¾- —
R-19, medium soft, col. 3½-8, dms., works..lb. .10¾- —
R-21, soft, col. 3½-8, dms., works..lb. .10¾- —
R-22, special, soft, col. 3½-8, dms., works..lb. .10¾- —
R-27, medium soft, col. 1, dms., works..lb. .13¾- —
R-28, medium soft, col. 1½-2, dms., works..lb. .12¾- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10¾- —
R-33, R-34, color 10-15, dms., works..lb. .0625- —
R-35, color 10-15, dms., gross weight, works..lb. .0575- —
465, 110-125° C., dms., gross weight, Pittsburgh..lb. .08½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevtex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works.. lb. .20 - —
Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04½- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs, works..lb. .31½- —
10½%, 100-lb. pkgs.....lb. .52 - —
Iron, 6%, 400-lb. pkg.....lb. .15½- —
10%, 100-lb. pkgs.....lb. .22½- —
Lead, 24%, 450-lb. pkgs...lb. .14½- .15⅛
32%, 450-lb. pkgs.....lb. .18¾- —
34%, 100-lb. pkgs.....lb. .19½- —
40%, 100-lb. pkgs.....lb. .23 - —
Lead, 28%, cobalt, 2.8%, 150-lb. pkgs..lb. .30 - —
Lead, 28%, manganese, 2.8%, 150-lb. pkgs..lb. .23¼- —
manganese, 6%, 400-lb. pkgs., lb. .16¼- —
10½%, 100-lb. pkgs.....lb. .27¼- —
Zinc, 8%, 400-lb. pkgs.....lb. .16¼- —
10%, 400-lb. pkgs.....lb. .19¾- —
12%, 100-lb. pkgs.....lb. .23 - —

All prices are dlvd.. east of Denver.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
2, 100-124° C., dms., gross wt., works..lb. .05¼- —

Paradene prices are freight equalized with Philadelphia, Pa.

AV, 300-lb. bbls., c.l., dlvd..lb. .28 - —
l.c.l. .....lb. .29 - .30
C, c.l., dlvd.....lb. .33 - —
l.c.l. .....lb. .34 - .35

GLYPTAL

SOLUTION ZV-3180

This highly waterproof, color-retentive, straight drying, oil-modified alkyd meets the requirements of Navy Department Spec. 52-R-13 and fits many Maritime Commission Specifications. This type of Glyptal established a fine reputation as a vehicle for high grade architectural white enamels, trim and trellis paints, and marine enamels.

Hear the General Electric radio programs: "The G-E All Girl Orchestra" Sunday 10 p.m. EWT, NBC; "The World Today" news every weekday 6:45 p.m. EWT, CBS.

★ BUY WAR BONDS ★

RESIN AND INSULATION MATERIALS DIVISION
1 RIVER ROAD, SCHENECTADY, NEW YORK

GENERAL ELECTRIC

Now Removed From ALLOCATION!

VELSICOL AF-3

Replaces Critical Alkyds and Offers Unlimited Opportunities for Formulating PROTECTIVE COATINGS

Hardness . . . Durability . . . Adhesion . . . Water, Salt Spray, Acids and Alkali resistance! These are the essential properties which VELSICOL AF-3 RESIN-based vehicles afford, when baked, as replacements for alkyds.

Processing AF-3 with vegetable oils such as dehydrated castor or linseed oil enables you to produce an unlimited variety of vehicle formulations (*both air dry and baked.*) These formulations may be made of short or long oil lengths and in a wide range of baking temperatures and time. Bakes from 250° F. for one hour to 400° F. for twenty minutes give unusually tough protective coatings with high gloss and excellent adhesion to metal. In addition AF-3 is completely compatible with *aliphatic naphthas* and does not require the use of critical aromatic solvents. It aids in the wetting of pigments and is neutral to all basic pigments.

Pre-cured films of AF-3 vehicles assure protection from the deteriorative effects of organic solvents, salt sprays, acids, and alkali, weather and moisture, thus affording rust inhibiting properties.

When properly formulated AF-3 vehicles are adapted for use in the production of coatings for transportation equipment; hospital equipment, lamp fixtures, bronzes of all types, primers, and general utility type enamels from pale tints to black in both high gloss and matt finish coatings.

VELSICOL AF-3 is obtainable in solid and in solution form. In solution it will aid paint grinders in overcoming difficulties now experienced in producing properly finished vehicles for the formulation of their coatings.

The ease of handling AF-3 and its versatility and usefulness as a replacement for the critical alkyds makes it an economical and valuable component in your vehicles for protective finishes.

Samples, formulations, and physical data will be furnished on request.

VELSICOL Corporation

GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO

VELSICOL

PLANT: MARSHALL, ILLINOIS

Zinc sulphate, powd., bgs., c.l., 100 lbs.	5.80	-	—
l.c.l. 100 lbs.	6.55	-	—
Zinc sulphate in bbls., 25c. higher.			
Sulphide,[1,5] pure, bgs., c.l., dlvd.,lb.	.08¼-		—
l.c.l., dlvd.,lb.	.08½-		—
bbls., c.l., dlvd.,lb.	.08½-		—
l.c.l., dlvd.,lb.	.08¾-		—
barium pigment, bgs., c.l., dlvd..lb.	.0560-		—
l.c.l., dlvd.,lb.	.0585-		—
calcium pigment, bgs., c.l., dlvd..lb.	.0560-		—
l.c.l., dlvd.,lb.	.0585-		—
fluorescent, pigment, works, frt. alld..lb.	.90	- 1.00	
magnesium pigment, bgs., c.l., dlvd..lb.	.05¾-		—
l.c.l., dlvd.,lb.	.06	-	—
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.			
Sulphocarbolate, NF, bbls., dms., lb.	.26	- .31	
Tallate, 5% Zn, 50-gal. dms.lb.	.09¾-		—
Yellow (see Yellow, zinc).			
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.65	-	—
l.c.l., works.....100 lbs.	6.70	-	—
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb.	2.00	- 2.35	
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.06	-	—
l.c.l., dlvd. E. of Rockies. lb.	.06¼-		—
dlvd. Pac. cst.....lb.	.06½-		—
Zirconium hydride, cns., works. lb.	7.00	- 8.00	
Nitrate, kgs., works.....lb.	3.00	- 4.00	
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00	-100.00	
white, 95%, grd., kgs., works. lb.	1.80	- 2.00	
ex whse., Pac. cst....lb.	.07	-	—

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)			
Amberol, phenol formaldehyde type, F-7, extra light, bbls., c.l., works..lb.	.15	-	—
l.c.l., same basis....lb.	.15½-		.16
light, bbls., c.l., same basis lb.	.14½-		—
l.c.l., same basis....lb.	.15	-	.15½
Amberol, phenol formaldehyde, type, F-7, dark, bbls., c.l., same basis..lb.	.14	-	—
l.c.l., same basis....lb.	.14½-		.15
F-77, bbls., c.l., works...lb.	.18½-		—
l.c.l., same basis....lb.	.19	-	.19½
F-71, light, bbls., c.l., works lb.	.14½-		—
l.c.l., same basis....lb.	.15	-	.15½
K-12-A, bbls., c.l., works.lb.	.15½-		—
l.c.l., same basis....lb.	.16	-	.16½
105-F, A-105-F, bbls., c.l., works..lb.	.13	-	—
l.c.l., same basis....lb.	.13½-		.14
B/S-1, extra light, bbls., c.l., works..lb.	.13½-		—
l.c.l., same basis....lb.	.14	-	.14½
light, bbls., c.l., same basis lb.	.13	-	—
l.c.l., same basis....lb.	.13½-		.14
dark, bbls., c.l., same basis lb.	.12½-		—
l.c.l., same basis....lb.	.13	-	.13½
M-82, bbls., c.l., works...lb.	.14	-	—
l.c.l., same basis....lb.	.14½-		.15
M-86, bbls., c.l., works..lb.	.15	-	—
l.c.l., same basis....lb.	.15½-		.16
M-88, bbls., c.l., works..lb.	.15½-		—
l.c.l., same basis....lb.	.16	-	.16½
M-93, bbls., c.l., works..lb.	.16½-		—
l.c.l., same basis....lb.	.17	-	.17½
226, bbls., c.l., works....lb.	.22½-		—
l.c.l., same basis....lb.	.23	-	.23½
ST-137, bbls., c.l., works.lb.	.33	-	—
l.c.l., same basis....lb.	.33½-		.34
ST-137X, bbls., c.l., works. lb.	.32	-	—
l.c.l., same basis....lb.	.32½-		.33
rosin maleic type, 800, extra light and light, bbls., c.l., works..lb.	.14½-		—
l.c.l., same basis....lb.	.15	-	.15½
801, extra light and light, and 801P, bbls., c.l.lb.	.15	-	—
l.c.l., same basis....lb.	.15½-		.16
806P, bbls., c.l., works..lb.	.15½-		—
l.c.l., same basis....lb.	.16	-	.16½
808, bbls., c.l., works....lb.	.16½-		—
l.c.l., same basis....lb.	.17	-	.17½
925, bbls., c.l., works....lb.	.13½-		—
l.c.l., same basis....lb.	.14	-	.14½
926, bbls., c.l., works....lb.	.14½-		—
l.c.l., same basis....lb.	.15	-	.15½
750, bbls., c.l., works....lb.	.27	-	—
l.c.l., same basis....lb.	.27½-		.28
Aroclors, distilled, dms., c.l, works..lb.	.18	-	—
ton lots, works.....lb.	.18½-		—
single dms., works.....lb.	.19	-	—
undistilled, dms., c.l., works.lb.	.15½-		—
ton lots, works.....lb.	.16	-	—
single dms., works.....lb.	.16½-		—

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening, BR-254, non-ret. bbls., 30,000 lbs., works..lb.	.33	-	—
15,000 lbs., works...lb.	.33½-		—
5,000 lbs., works...lb.	.34	-	—
Bakelite, 100% pale, non-heat hardening, BR-9432, non-ret. bbls., 30,000 lbs., works..lb.	.31	-	—
15,000 lbs., works....lb.	.31½-		—
5,000 lbs., works....lb.	.32	-	—
BR-4036, non-ret. bbls., 30,000 lbs., works..lb.	.37	-	—
15,000 lbs., works...lb.	.37½-		—
5,000 lbs., works...lb.	.38	-	—
dark, non-heat hardening, BR-1329, non-ret. bbls., 30,000 lbs., works..lb.	.29	-	—
15,000 lbs., works...lb.	.29½-		—
5,000 lbs., works...lb.	.30	-	—
BR-9476, non-ret, bbls., No. 250, 30,000 lbs., works.. lb.	.29	-	—
15,000 lbs., works.....lb.	.29½-		—
5,000 lbs., works.....lb.	.30	-	—
pale, heat-hardening, BR-3360, non-ret. bbls., 30,000 lbs., works..lb.	.36	-	—
15,000 lbs., works...lb.	.36½-		—
5,000 lbs., works...lb.	.37	-	—
BR-14634, non-ret. bbls., 30,000 lbs., works..lb.	.30	-	—
15,000 lbs., works...lb.	.30½-		—
5,000 lbs., works...lb.	.31	-	—
BR-10282, non-ret. bbls., 30,-000 lbs., works..lb.	.32	-	—
15,000 lbs., works...lb.	.32½-		—
5,000 lbs., works...lb.	.33	-	—
phenolic dispersion resins, BK-3962X, non- ret. bbls., 30,000 lbs., works..lb.	.277	-	—
15,000 lbs., works...lb.	.282	-	—
5,000 lbs., works...lb.	.287	-	—
XK-16624, non-ret. bbls., 30,000 lbs., works..lb.	.22½-		—
15,000 lbs., works...lb.	.23	-	—
5,000 lbs., works...lb.	.23½-		—
XK-16,700, ret. dms., A, No. 400, 30,000 lbs., works.. lb.	.27	-	—
15,000 lbs., works.....lb.	.27½-		—
5,000 lbs., works.....lb.	.28	-	—
oil modified, BR-302, non-ret. bbls., 30,000 lbs., works..lb.	.346	-	—
15,000 lbs., works...lb.	.351	-	—
5,000 lbs., works...lb.	.356	-	—
resin baking types, BV-1600, ret. dms., dm. charges not included, 30,000 lbs., works..lb.	.30	-	—
15,000 lbs., works...lb.	.30½-		—
5,000 lbs., works...lb.	.31	-	—
BV-8966, ret. dms., dm., charges included, 30,-000 lbs., works..lb.	.20	-	—
15,000 lbs., works...lb.	.20½-		—
5,000 lbs., works...lb.	.21	-	—
XV-16607, ret. dms., dm. charges included, 30,-000 lbs., works.lb.	.22	-	—
15,000 lbs., works...lb.	.22½-		—
5,000 lbs., works...lb.	.23	-	—
XV-16716, ret. dms., B, No. 450, 30,000 lbs., works.. lb.	.23½-		—
15,000 lbs., works.....lb.	.24	-	—
5,000 lbs., works.....lb.	.24½-		—
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., 30,000 lbs., works..lb.	.45	-	—
15,000 lbs., works...lb.	.45½-		—
5,000 lbs., works...lb.	.46	-	—
XR-4357, non-ret. dms., 30,-000 lbs., works...lb.	.45	-	—
15,000 lbs., works...lb.	.45½-		—
5,000 lbs., works...lb.	.46	-	—
XJ-10433, ret. dms., dm. charges not included, 30,000 lbs., works.lb.	.37	-	—
15,000 lbs., works...lb.	.37½-		—
5,000 lbs., works...lb.	.38	-	—
BJ-15408, non-ret. bbls., 30,-000 lbs., works..lb.	.24	-	—
15,000 lbs., works...lb.	.24½-		—
5,000 lbs., works...lb.	.25	-	—
BR-9366, non-ret. bbls., 30,-000 lbs., works..lb.	.18½-		—
15,000 lbs., works...lb.	.19	-	—
5,000 lbs., works...lb.	.19½-		—
glycerine reactive, BR-10025, non-ret. bbls., 30,000 lbs., works..lb.	.28	-	—
15,000 lbs., works...lb.	.28½-		—
5,000 lbs., works...lb.	.29	-	—
resin modified, BR-2963, non-ret. bbls., 30,000 lbs., works..lb.	.22	-	—
15,000 lbs., works...lb.	.22½-		—
5,000 lbs., works...lb.	.23	-	—
BR-11504, non-ret. bbls., 30,000 lbs., works..lb.	.18	-	—
15,000 lbs., works...lb.	.18½-		—
5,000 lbs., works...lb.	.19	-	—
BR-11505, non-ret. bbls., 30,000 lbs., works..lb.	.18	-	—
15,000 lbs., works...lb.	.18½-		—
5,000 lbs., works...lb.	.19	-	—
C-9 resins, solid types, BR-13202, non-ret. bbls., 30,000 lbs., works..lb.	.15	-	—
15,000 lbs., works...lb.	.15½-		—
5,000 lbs., works...lb.	.16	-	—
XR-13260, non-ret. bbls., 30,000 lbs., works..lb.	.37	-	—
15,000 lbs., works...lb.	.37½-		—
5,000 lbs., works...lb.	.38	-	—
liquid types, BR-14580, non-ret. bbls., 30,000 lbs., works..lb.	.26	-	—
15,000 lbs., works.lb.	.26½-		—
5,000 lbs., works.lb.	.27	-	—
XR-15780, non-ret. bbls., 30,000 lbs., works..lb.	.34	-	—
15,000 lbs., works...lb.	.34½-		—
5,000 lbs., works...lb.	.35	-	—
XR-15840, non- ret. bbls., 30,000 lbs., works..lb.	.34	-	—
15,000 lbs., works...lb.	.34½-		—
5,000 lbs., works...lb.	.35	-	—
XJ - 16580, ret. d m s., charges included, 30,000 lbs., works..lb.	.26	-	—
15,000 lbs., works.lb.	.26½-		—
5,000 lbs., works.lb.	.27	-	—
XR-15840, non-ret. bbls., 30,000 lbs., works..lb.	.34	-	—
5,000 lbs., works...lb.	.35	-	—
Beckacite, 1100 M-K, 1112-WG-N, c.l..lb.	.14	-	—
l.c.l., same basis.....lb.	.14½-		.15
1102, M-K, c.l.....lb.	.12	-	—
l.c.l., same basis.....lb.	.12½-		.13
1116, K-1, 1123 M-K, c.l., same basis...lb.	.14½-		—
l.c.l., same basis.....lb.	.15	-	.15½
1124, M-K; P-306, M-K, c.l. lb.	.13½-		—
l.c.l., same basis.....lb.	.14	-	.14½
P-370, M-K, c.l.....lb.	.14	-	—
l.c.l., same basis.....lb.	.14½-		.15
P-405, N-K, c.l.....lb.	.14½-		—
l.c.l., same basis.....lb.	.15	-	.15½
P-406, M-I, c.l.....lb.	.13	-	—
l.c.l., same basis.....lb.	.13½-		.14
1110, N-M, c.l.....lb.	.13½-		—
l.c.l., same basis.....lb.	.14	-	.14½
IIII WG-N, No. 1120, M-K, l.c. lb.	.15	-	—
l.c.l., same basis.....lb.	.15½-		.16
Beckopol, 1400 M-K, c.l.....lb.	.17½-		—
l.c.l., same basis.....lb.	.18	-	.18½
Beckosol, solid, No. 18, 4-5 (80% M.S.), c.l..lb.	.26	-	—
l.c.l., same basis.....lb.	.27	-	.28
No. 24, 4-5L (80% toiuol), c.l. lb.	.33	-	—
l.c.l., same basis.....lb.	.34	-	.35
Beckosol, No. 36, 4-5 (60% toluol), c.l..lb.	.38	-	—
l.c.l., same basis.....lb.	.39	-	.40
Cumar resin, AX, non-ret. drums, lb.	.06¼-		—
BX .....lb.	.06¼-		—
CX, net weight.....lb.	.061	-	—
DX, gross weight.....lb.	.05½-		—
EX, gross weight.....lb.	.05¼-		—
FX, gross weight.....lb.	.05¾-		—
MH, col. 1.....lb.	.11¾-		—
1½-2.....lb.	.10¾-		—
2½-3½ .....lb.	.09¾-		—
9 .....lb.	.06½-		—
MS .....lb.	.10¾-		—
P 10°-90° C., col. 2½ and darker, lb.	.10¾-		—
RH .....lb.	.10¾-		—
RS .....lb.	.10¾-		—
V col. ½.....lb.	.12¾-		—
1 .....lb.	.11¾-		—
1½-2 .....lb.	.10¾-		—
2½ and darker.....lb.	.09¾-		—
Cumar resin, W col. ½.....lb.	.13½-		—
1 .....lb.	.12½-		—
1½-2 .....lb.	.11½-		—
2½ and darker.....lb.	.10½-		—

All "P" grades with melting point below 50 degrees centigrade, and grades AX, BX and CX are shipped in steel drums, with the three last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durite, 1301, pale, one drum and over..lb.	.29	-	—
smaller lots.....lb.	.30	-	—
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.			

E

Esterol, alkyd solution, A, dms., c.l., dlvd..lb.	.15½-		—
l.c.l. .....lb.	.16	-	.16½
B, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16
E, c.l., dlvd.....lb.	.16½-		—
l.c.l. .....lb.	.16½-		.17
H-1, c.l., dlvd.....lb.	.19	-	—
l.c.l. .....lb.	.19½-		—
PV, c.l., dlvd.....lb.	.16¾-		—
l.c.l. .....lb.	.17¼-		—
11, c.l., dlvd.....lb.	.16	-	—
l.c.l. .....lb.	.16½-		—
22, c.l., dlvd.....lb.	.13	-	—
l.c.l. .....lb.	.13½-		—
22-B, c.l., dlvd.....lb.	.10½-		—
l.c.l. .....lb.	.11	-	—
33, c.l., dlvd.....lb.	.15½-		—
l.c.l. .....lb.	.16	-	—
44, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16
44B, c.l., dlvd.....lb.	.16	-	—
l.c.l. .....lb.	.15½-		.16
55, c.l., dlvd.....lb.	.15½-		—
l.c.l. .....lb.	.16	-	.16¼
562, c.l., dlvd.....lb.	.16½-		—
l.c.l. .....lb.	.17	-	—
640-N, c.l., dlvd.....lb.	.15½-		—
l.c.l. .....lb.	.16	-	—
660-N, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		—
750, any quantity, dlvd.....lb.	.15	-	—
850, c.l., dlvd.....lb.	.17	-	—
l.c.l. .....lb.	.17½-		.18
1800, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16
1825, c.l., dlvd.....lb.	.17½-		—
l.c.l. .....lb.	.18	-	.18½
2185, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16
2195, c.l., dlvd.....lb.	.16	-	—
l.c.l. .....lb.	.16½-		.17
2600, c.l., dlvd.....lb.	.18	-	—
l.c.l. .....lb.	.18½-		—
2633, c.l., dlvd.....lb.	.14½-		—
l.c.l. .....lb.	.15	-	—
2728, c.l., dlvd.....lb.	.16	-	—
l.c.l. .....lb.	.16	-	.17
2775-BS, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16
4040, c.l., dlvd.....lb.	.15	-	—
l.c.l. .....lb.	.15½-		.16

F

Flexalyn solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb.	.1222-		—
l.c.l., 10 dms., same basis..lb.	.1297-		—
single dms., same basis..lb.	.1447-		—
smaller lots, same basis..lb.	.1947-		—
C solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb.	.1147-		—
10 dms., same basis.....lb.	.1222-		—
single dms., same basis...lb.	.1372-		—
smaller lots, same basis...lb.	.1872-		—

G

G, resin, dms., gross weight, works..lb.	.08	-	—
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works.. lb.	.40	-	—
5,000 to 29,999 lbs., same basis..lb.	.41	-	—
200 to 4,999 lbs., same basis. lb.	.44	-	—
up to 199 lbs., same basis..lb.	.57	-	—
No. 202, 30,000 lbs., works..lb.	.48	-	—
5,000 to 29,999 lbs., same basis..lb.	.49	-	—
200 to 4,999 lbs., same basis. lb.	.53	-	—
up to 199 lbs., same basis..lb.	.68	-	—
No. 203, 30,000 lbs., works...lb.	.52	-	—
5,000 to 29,999 lbs., same basis..lb.	.53	-	—
200 to 4,999 lbs., same basis. lb.	.57	-	—
up to 199 lbs., same basis..lb.	.74	-	—
Guai-a-phene, dms. (dm. deposit $6.00), works..gal.	2.47	-	—
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..gal.	2.62	-	—
1-3 gals., cns., works....gal.	2.82	-	—

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.			
Hydrogum, P-190 WW-WG, c.l.. lb.	.14½-		—
l.c.l., same basis.....lb.	.15	-	.15½

J

Jozite (see zinc-iron oxide pigment in regular list above).			

K

Kadox (zinc oxide), East of Pacific Coast:—			
Nos. 15, 17 and 72, bgs., c.l., dlvd. .....lb.	.07¼-		—
Nos. 15, 17 and 72, bbls., c.l., dlvd. .....lb.	.07½-		—
l.c.l., bgs., dlvd.....lb.	.07½-		—
bbls., dlvd.....lb.	.07¾-		—

CMP Secondary Users Rules Spelled Out

OPD Washington Bureau

In making returns of unused allotments to Claimant Agencies or WPB Industry Divisions, secondary consumers of controlled materials should make separate returns for each different item they are manufacturing and for which they have unused allotments, the War Production Board has announced.

Each item is identified by a different abbreviated allotment number (Industry Division or Claimant Agency letter of symbol followed by the first digit of the program number). Separate returns for each abbreviated allotment number should be made, regardless of whether such return is being made on Form CMP-32 or by letter, both of which methods are permitted under the rules governing such returns of allotments. These rules are spelled out in direction No. 26, as amended June 21, 1944, to CMP Regulation No. 1.

U.S. Revenue Showed Sharp Rise in April

Bureau of Internal Revenue, Washington, reports taxes collected for April, 1944, compared with April, 1943, were as follows:—

Taxes Collected

	April 1944	April 1943
Coconut, etc., oils, processed	$530,427.29	$396,642.69
Distilled spirits, domestic, excise tax $6 per gallon..	60,589,171.85	54,764,847.45
Distilled spirits, imported, excise tax $6 per gallon	42,727,488.76	8,765,984.35
Gasoline	15,953,485.28	17,709,506.77
Lubricating oils	3,496,379.91	3,767,417.33
Narcotics, including special taxes..	44,800.50	40,499.62
Oleomargarin special taxes	243,938.76	143,889.68
Totals ...	$3,330,663,448.12	$1,472,382,204.37

Quantities Taxed

	April 1944	April 1943
Distilled spirits, domestix, tax gallons.....	6,732,130	9,127,477
Distilled spirits, imported, tax gallons...	4,747,499	1,460,997
Distilled spirits, rectified, proof gallons....	5,324,602	4,797,622
Oleomargarin, colored, pounds	1,291,412	284,004

Esso Gets 'E' Award

Esso laboratories of the Standard Oil Development Company has been awarded the Army-Navy Production "E".

WPB Formulates Rules

—Continued from page 4

which they were originally acquired, if such materials cannot be used for such original purposes, WPB pointed out. The application should be by letter, WPB added, which should set forth:—(1) a description of the materials which the applicant desires to use; (2) how such materials were obtained, and (3) any other relevant facts which might be required for acting on the application. WPB will grant permission for the use of excess materials under the following circumstances:—

1. If the intended use of the materials would be permitted if the same materials were acquired through a special sale under Priorities Regulation No. 13. 2. If the use of the materials in production in any one plant, or the labor requirements for that production, will not interfere with war production in that plant or in any other plant located in the same area.

Both direction No. 52 to CMP Regulation No. 1 and direction No. 4 to Priorities Regulation No. 1 point out that authorizations which may be granted under their terms will not be exceptions to the provisions of any E, L or M order or any direction issued under any such order.

Rubber from Petroleum

—Continued from page 7

40 percent from petroleum. During July and August, the proportions will be 70 percent from alcohol and 30 percent from petroleum, and thereafter the rubber program calls for only 45 percent from alcohol and the remaining 55 percent from petroleum. The plants to be affected by the cutback are:—

The Humble Oil & Refining Company, Baytown, Tex.; the Neches Butadiene Products Company, Port Neches, Tex.; the Cities Service Company, Lake Charles, La.; the Phillips Petroleum Company, Borger, Tex.; Shell Chemical Division of the Shell Union Oil Company, Torrence Calif.; the Sinclair Refining Company, Houston, Tex., and the Standard Oil Company of Louisiana, Baton Rouge.

M.C.A. Member of A.S.T.M. Safety Code Committee

The American Standards Association has announced that the Manufacturing Chemists' Association is now a member of the safety code correlating committee. This group will be represented by Harold L. Miner of E. I. du Pont de Nemours & Co., already on the committee as a representative of the National Fire Prevention Association.

Kadox, No. 25, bgs., c.l., dlvd..lb. .08½- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., bgs., dlvd.....lb. .08¾- —
l.c.l., bbls., dlvd.....lb. .09 - —

Pacific Coast prices ½c. per lb. higher; l.c.l. prices ex warehouse.

Kopol, 500, esterfied, D-B, c.l..lb. .22 - —
l.c.l. .....lb. .22½- .23
501, fused, c.l.....lb. .20 - —
l.c.l. .....lb. .20½- .21

L

Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16⅓- —
l.c.l., 10 dms., same basis..lb. .17 - —
1 dm., same basis.....lb. .17⅓- —
smaller lots, same basis....lb. .22½- —
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16⅓- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —
83, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers extra, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.50 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14¾- —
190, dms., c.l., dlvd.....lb. .18¾- —
290, dms., c.l., dlvd.....lb. .20¾- —
fatty acid, 3R, dms., c.l., dlvd..lb. .14¾- —
17, dms., c.l., dlvd.....lb. .12¾- —
19, dms., c.l., dlvd.....lb. .16¾- —

Neo-fat prices are 1c. per lb. higher in all States west of the Rocky Mountains and ½c. per lb. higher in Texas and Oklahoma. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color, 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483 same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —
Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13⅓- —
R-3, nevindene, col. 1, dms., works..lb. .12½- —
R-5, nevindene, col. 1½-2, dms., works..lb. .11½- —
R-6 nevindene, col. 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., col. below 3, dms., works..lb. .12¾- —
Neville resin, R-9, hard, col. ½, dms., works..lb. .12¾- —
R-10, hard, col. 1, dms., works..lb. .11¾- —
R-11, hard, col. 1½-2, dms., works..lb. .10¾- —
R-12, hard, col. 2½-3½, dms., works..lb. .09¾- —
R-13, medium, col. ½, dms., works..lb. .12¾- —
R-14, medium, col. 1, dms., works..lb. .11¾- —
R-15, medium, col. 1½-2, dms., works..lb. .10¾- —
R-16, medium, col, 2½-4, dms., works..lb. .09¾- —
R-16A, medium, col. 7-10, dms., works..lb. .08½- —
R-17, medium, soft, col. 3½-8, dms., works..lb. .10¾- —
R-19, medium soft, col. 3¼-8, dms., works..lb. .10¾- —
R-21, soft, col. 3½-8, dms., works..lb. .10¾- —
R-22, special, soft, col. 3½-8, dms., works..lb. .10¾- —
R-27, medium soft, col. 1, dms., works..lb. .13¾- —
R-28, medium soft, col. 1½-2, dms., works..lb. .12¾- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10¾- —
R-33, R-34, color 10-15, dms., works..lb. .0625- —
R-35, color 10-15, dms., gross weight, works..lb. .0575- —
465, 110-125° C., dms., gross weight, Pittsburgh..lb. .03½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevtex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works.. lb. .20 - —
Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04¼- —
Nuodex drier, cobalt, 6%, 400-lb. pkgs, works..lb. .31¼- —
10½%, 100-lb. pkgs.....lb. .52 - —
Iron, 6%, 400-lb. pkg.....lb. .15¼- —
10%, 100-lb. pkgs.....lb. .22½- —
Lead, 24%, 450-lb. pkgs...lb. .14½- .15½
32%, 450-lb. pkgs.....lb. .18¾- —
34%, 100-lb. pkgs.....lb. .19½- —
40%, 100-lb. pkgs.....lb. .23 - —
Lead, 28%, cobalt, 2.8%, 150-lb. pkgs..lb. .30 - —
Lead, 28%, manganese, 2.8%, 150-lb. pkgs..lb. .23¼- —
manganese, 6%, 400-lb. pkgs., lb. .16¼- —
10½%, 100-lb. pkgs.....lb. .27¼- —
Zinc, 8%, 400-lb. pkgs.....lb. .16¼- —
10%, 400-lb. pkgs.....lb. .19¾- —
12%, 100-lb. pkgs.....lb. .23 - —

All prices are dlvd.. east of Denver.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
2, 100-124° C., dms., gross wt., works..lb. .05¼- —

Paradene prices are freight equalized with Philadelphia, Pa.

AV, 300-lb. bbls., c.l., dlvd..lb. .28 - —
l.c.l. .....lb. .29 - .30
C, c.l., dlvd.....lb. .33 - —
l.c.l. .....lb. .34 - .35

GLYPTAL

SOLUTION ZV-3180

This highly waterproof, color-retentive, straight drying, oil-modified alkyd meets the requirements of Navy Department Spec. 52-R-13 and fits many Maritime Commission Specifications. This type of Glyptal established a fine reputation as a vehicle for high grade architectural white enamels, trim and trellis paints, and marine enamels.

Hear the General Electric radio programs: "The G-E All Girl Orchestra" Sunday 10 p.m. EWT, NBC; "The World Today" news every weekday 6:45 p.m. EWT, CBS.

★ BUY WAR BONDS ★

RESIN AND INSULATION MATERIALS DIVISION
1 RIVER ROAD, SCHENECTADY, NEW YORK

GENERAL ELECTRIC

OPD—7-3-1944 33

Now Removed From ALLOCATION!

VELSICOL AF-3

Replaces Critical Alkyds and Offers Unlimited Opportunities for Formulating PROTECTIVE COATINGS

Hardness . . . Durability . . . Adhesion . . . Water, Salt Spray, Acids and Alkali resistance! These are the essential properties which VELSICOL AF-3 RESIN-based vehicles afford, when baked, as replacements for alkyds.

Processing AF-3 with vegetable oils such as dehydrated castor or linseed oil enables you to produce an unlimited variety of vehicle formulations (*both air dry and baked.*) These formulations may be made of short or long oil lengths and in a wide range of baking temperatures and time. Bakes from 250° F. for one hour to 400° F. for twenty minutes give unusually tough protective coatings with high gloss and excellent adhesion to metal. In addition AF-3 is completely compatible with *aliphatic naphthas* and does not require the use of critical aromatic solvents. It aids in the wetting of pigments and is neutral to all basic pigments.

Pre-cured films of AF-3 vehicles assure protection from the deteriorative effects of organic solvents, salt sprays, acids, and alkali, weather and moisture, thus affording rust inhibiting properties.

When properly formulated AF-3 vehicles are adapted for use in the production of coatings for transportation equipment; hospital equipment, lamp fixtures, bronzes of all types, primers, and general utility type enamels from pale tints to black in both high gloss and matt finish coatings.

VELSICOL AF-3 is obtainable in solid and in solution form. In solution it will aid paint grinders in overcoming difficulties now experienced in producing properly finished vehicles for the formulation of their coatings.

The ease of handling AF-3 and its versatility and usefulness as a replacement for the critical alkyds makes it an economical and valuable component in your vehicles for protective finishes.

Samples, formulations, and physical data will be furnished on request.

VELSICOL Corporation

GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO

PLANT: MARSHALL, ILLINOIS

Paradene, 10-P, c.l., divd.	lb.	.35	—
l.c.l.	lb.	.36	.37
46, c.l., divd.	lb.	.22½	—
l.c.l.	lb.	.23	.23½
378, c.l., divd.	lb.	.23	—
l.c.l.	lb.	.24	.25
367, c.l., divd.	lb.	.35	—
l.c.l.	lb.	.36	.37
540, c.l., divd.	lb.	.35	—
l.c.l.	lb.	.36	.37
Paranol resin, extra hard, No. 1, 300-lb. bbls., c.l., divd.	lb.	.15	—
l.c.l.	lb.	.15½	.16
Extra hard, No. 3, c.l., divd.	lb.	.14	—
l.c.l.	lb.	.14½	.15
Hard, No. 1, c.l., divd.	lb.	.13½	—
l.c.l.	lb.	.14	—
No. 3, c.l., divd.	lb.	.12½	—
l.c.l.	lb.	.13	.13½
25, c.l., divd.	lb.	.12½	—
l.c.l.	lb.	.13	.13½

Paranol resin, 25, light, c.l., divd.	lb.	.13	—
l.c.l.	lb.	.13½	—
54-E, c.l., divd.	lb.	.16½	—
l.c.l.	lb.	.17	—
100, c.l., divd.	lb.	.17	—
l.c.l.	lb.	.17½	.18
105-B, c.l., divd.	lb.	.13	—
l.c.l.	lb.	.13½	.14
200, c.l., divd.	lb.	.17½	—
l.c.l.	lb.	.18	.16½
500, hard, c.l., divd.	lb.	.14½	—
l.c.l.	lb.	.15	.15½
extra hard, c.l., divd.	lb.	.17	—
l.c.l.	lb.	.17½	.18
800, extra light, c.l., divd.	lb.	.15	—
l.c.l.	lb.	.15½	.16
800, dark, c.l., divd.	lb.	.14	—
l.c.l.	lb.	.14½	.15
850, c.l., divd.	lb.	.15	—
l.c.l.	lb.	.15½	.16
1600, c.l., divd.	lb.	.14½	—
l.c.l.	lb.	.15	.15½

Paranol resin, 1700, c.l., divd.	lb.	.16	—
l.c.l.	lb.	.16½	.17
1750, c.l., divd.	lb.	.15	—
l.c.l.	lb.	.15½	—
1855, c.l., divd.	lb.	.13	—
l.c.l.	lb.	.13½	—
3046-C, c.l., divd.	lb.	.22½	—
l.c.l.	lb.	.23	.23½
3101, c.l., divd.	lb.	.15¾	—
l.c.l.	lb.	.16¼	.16¾
3645, c.l., divd.	lb.	.15	—
l.c.l.	lb.	.15½	.16
Pentalyn A, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.13	—
l.c.l., 10 dms., same basis,	lb.	.13½	—
single dms., same basis	lb.	.14	—
smaller lots, same basis	lb.	.19	—
G, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.14½	—
l.c.l., 10 dms., same basis	lb.	.15	—
single dms., same basis	lb.	.15½	—
smaller lots, same basis	lb.	.20½	—
P.H.O., dms., works	lb.	.24	—
Phencondensol V-120, non-ret. dms., divd., c.l.	lb.	.14½	—
l.c.l., same basis	lb.	.15	—
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l.	lb.	.15	—
l.c.l.	lb.	.15½	—
S-55, S-70, same basis, c.l.	lb.	.16	—
l.c.l.	lb.	.16½	—
S-85, S-100, same basis, c.l.	lb.	.17	—
l.c.l.	lb.	.17½	—
S-115, same basis, c.l.	lb.	.18	—
l.c.l.	lb.	.18½	—
Piccoumaron resins,[1] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald.	lb.	.08	—
420-T, same basis	lb.	.0675	—
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis	lb.	.1075	—
430, 435, bulk, gross wt., same basis	lb.	.045	—
440-T, same basis	lb.	.0625	—
450, 450-H and 450-S, same basis	lb.	.09	—
450-EH, same basis	lb.	.0975	—
460-T, same basis	lb.	.0575	—
XX-25, XX-40, bulk, net wt., same basis	lb.	.0625	—
XX-55, bulk, gross wt., same basis	lb.	.0575	—
XX-70, XX-100, same basis	lb.	.0625	—
XX-115, same basis	lb.	.0575	—
T-115, same basis	lb.	.0725	—
70%, 420-S Sol., ret. dms., net wt.	lb.	.078	—
Plastopal, R-80, ret. dms., divd., c.l.	lb.	.12½	—
l.c.l., same basis	lb.	.13	.14
Pliolite, powder, ton lots, works	lb.	.66	—
dm. lots, same basis	lb.	.69	—
less dm. lots, same basis	lb.	.74	—
milled, ton lots, works	lb.	.75	—
dm. lots, same basis	lb.	.79	—
less dm. lots, same basis	lb.	.84	—
Plyophen, solution, 5000, c.l., works	lb.	.18	—
l.c.l., same basis	lb.	.18½	.19
5010, c.l., same basis	lb.	.18½	—
l.c.l., same basis	lb.	.19	.19½
5011, c.l., same basis	lb.	.17½	—
l.c.l., same basis	lb.	.18	.18½
5012, 5013, c.l., same basis	lb.	.13	—
l.c.l., same basis	lb.	.13½	.14
5014, c.l., same basis	lb.	.14½	—
l.c.l., same basis	lb.	.15	.15½

R

Resinous oil, No. XI, returnable dms., works	lb.	.0160	—

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)			
Staybelite ester, No. 1, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.17½	—
10 dms., same basis	lb.	.18¼	—
1 dm., same basis	lb.	.19¼	—
smaller lots, same basis	lb.	.24¼	—
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.1824	—
No. 3, returnable black iron dms, c.l., f.o.b. cars, destination, zone 1	lb.	.1974	—
10 dms., same basis	lb.	.2049	—
1 dm., same basis	lb.	.2149	—
smaller lots, same basis	lb.	.2649	—
No. 10, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.14¼	—
Staybelite ester, No. 10, 10 dms., same basis	lb.	.14¾	.17
1 dm., same basis	lb.	.15	—
smaller lots, same basis	lb.	.20	—
Super-Beckacite, RM-254, 1001, 1020, c.l.	lb.	.33	—
l.c.l., same basis	lb.	.33½	.34
1003, F.E., c.l.	lb.	.31	—
l.c.l., same basis	lb.	.31½	.32
2000, M-K, c.l.	lb.	.27	—
l.c.l., same basis	lb.	.27½	.28
2667, E-D, c.l.	lb.	.23	—
l.c.l., same basis	lb.	.23½	.24
3011, c.l.	lb.	.31½	—
l.c.l.	lb.	.32	.32½

V

Vanadiset resin, divd. Balto-Washington area, 26-140 tons, shpt.	ton	32.40	-35.40
1-25 tons, shpt.	ton	51.40	-63.00
under 1 ton, shpt.	ton	83.00	- —
Canada, Windsor to Montreal, 26-140 tons, shpt.	ton	35.60	-38.60
1-25 tons, shpt.	ton	54.00	-66.00
under 1 ton, shpt.	ton	86.00	- —
Greater N. Y., North. N. J., Conn., 26-140 tons, shpt.	ton	31.00	-34.00
1-25 tons, shpt.	ton	48.00	-60.00
under 1 ton, shpt.	ton	80.00	- —
Ill., Ky., Tenn., Carolinas, Georgia, Missouri, 26-140, tons, shpt.	ton	36.00	-39.00
1-25 tons, shpt.	ton	55.00	-67.80
under 1 ton, shpt.	ton	87.80	- —
Iowa, Wis., Minn., Florida, Alabama, Mississippi, 26-140 tons, shpt.	ton	36.00	-39.00
1-25 tons, shpt.	ton	56.00	-68.80
under 1 ton, shpt.	ton	88.80	- —
Louisiana, Arkansas, Oklahoma, Texas, Colorado, Nebraska, Kansas, Dakotas, 26-140 tons, shpt.	ton	41.00	-43.00
1-25 tons, shpt.	ton	60.00	-80.00
under 1 ton, shpt.	ton	90.00	- —
New England (except Conn.), 26-140 tons, shpt.	ton	32.40	-35.40
1-25 tons, shpt.	ton	53.00	-62.80
under 1 ton, shpt.	ton	82.00	- —
N. Y. State, Penna. (W. of Harrisburg), Western Maryland, 26-140 tons, shpt.	ton	32.00	-35.00
1-25 tons, shpt.	ton	53.00	-65.80
under 1 ton, shpt.	ton	85.80	- —
Ohio, Mich., Ind., W. Va., 26-140 tons, shpt.	ton	33.60	-36.60
1-25 tons, shpt.	ton	54.00	-64.00
under 1 ton, shpt.	ton	84.00	- —
Pac. Coast, Ariz., New Mex., Utah, Nev., Idaho, Mont., Wyoming and Canada (except Windsor to Montreal), 26-140 tons, shpt.	ton	51.00	-54.00
1-25 tons, shpt.	ton	70.00	-82.00
under 1 ton, shpt.	ton	94.00	- —
Southern New Jersey, East. Pa., Del., 26-140 tons, shpt.	ton	31.00	-34.00
1-25 tons, shpt.	ton	50.00	-62.00
under 1 ton, shpt.	ton	82.00	- —
Vanadiset prices are subject to a 3 percent tax on transportation.			
Vinylseal adhesive solutions, vinylite resin AYAB, 69-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va.	gal.	2.75	- —
less than drum lots, same basis	gal.	3.00	- —
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis	gal.	2.10	- —
less than drum lots, same basis	gal.	2.50	- —
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T 24-9, 20-drum lots, same basis	gal.	2.00	- —
drum lots, same basis	gal.	2.25	- —
less than drum lots, same basis	gal.	2.50	- —
28% by weight, solution in 82% methyl acetate, MA 28-14, 20-drum lots, same basis.	gal.	2.15	- —
drum lots, same basis	gal.	2.40	- —
less drum lots	gal.	2.65	- —
All "Vinylseal" containers except 1-gal. size are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.			
Vinylite resins, vinyl chloride-acetate, VYNW, VYNU, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va.	lb.	.40	- —
10,000 to 29,999 lbs., same basis	lb.	.41	- —
200 to 9,999 lbs., same basis	lb.	.42	- —
1 to 199 lbs., same basis	lb.	.58	- —
VYNS, c.l. (30,000 lbs.), paper bags, same basis	lb.	.54	- —
10,000 to 29,999 lbs., same basis	lb.	.55	- —
200 to 9,999 lbs., same basis,	lb.	.56	- —
1 to 199 lbs., same basis	lb.	.72	- —
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis	lb.	.52	- —
10,000 to 29,999 lbs., same	lb.	.53	- —
200 to 9,999 lbs., same basis,	lb.	.54	- —
1 to 199 lbs., same basis	lb.	.70	- —
vinyl acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.)	lb.	.40	- —
2,000 to 29,999 lbs., same basis	lb.	.43	- —
200 to 1,999 lbs, same basis,	lb.	.45	- —
1 to 199 lbs., same basis	lb.	.60	- —
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.	lb.	.42	- —
10,000 to 29,999 lbs., same basis	lb.	.43	- —
200 to 9,999 lbs., same basis,	lb.	.44	- —
1 to 199 lbs., same basis	lb.	.60	- —
vinyl butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l.	lb.	.82	- —
10,000 to 29,999 lbs., same basis	lb.	.83	- —
200 to 9,999 lbs., same basis,	lb.	.84	- —
1 to 199 lbs., same basis	lb.	1.00	- —

Z

Zinlac, orange or white, 50-gal. bbls.	gal.	1.65	- —
kits (5 gals.)	gal.	1.85	- —
jugs (1 gal.)	gal.	1.90	- —

Durez 175 Resin

Durez 175 is a phenol-aldehyde thermosetting resin in lump form which has a number of specialized applications. It is used for finishing steel shell and cartridge cases, lining of metal containers, coating of aluminum molds and castings, to give resistance and to seal the pores. Numerous other applications are also possible, including air dry coatings which are fast drying, non-powdering and resistant to coaltar and petroleum solvents. A film of Durez 175 Resin applied from solvent solution and baked becomes insoluble and infusible. It resists all organic solvents, water, oils, greases, salt spray, and mild acids and alkalies. Thin films give best performance with respect to continuity, ability to stand flexing, and adhesion. The baking cycle varies with the size of the object coated with thick pieces requiring a longer time to bring the surface to oven temperature. Coatings on thin metal cure very rapidly at 300° and 350° F. A temperature as low as 250° F. can be used with an increase in baking time.

The resin is soluble in alcohols, ketones, esters, and ether alcohols. It is insoluble in coaltar and petroleum solvents, turpentine, mineral oil, drying oil, and waxes.

Marine Paints

Due to the shortage of phthalic anhydride for alkyd resins, the use of alkyd resins for marine paints has been further curtailed.

The Protective Coatings Branch has issued typical formulations for hull gray low visibility paint which are made without alkyds. Formulations for both paints are based on Maritime Commission specification 52-MC-7 which covers a water-resisting spar varnish. Durez 220, a high melting terpene phenolic resin, when used with either linseed oil or dehydrated castor oil, produces excellent varnishes which meet all requirements of the 52-MC-7 specification. V-50826 "C" is the linseed oil version and either light or heavy bodied oil may be used. V-50920 is the dehydrated castor oil type. This varnish is shorter in oil length than the V-50826 "C" because of the better flexibility obtained with dehydrated castor oil.

Durez 220 as used in the above formulations gives a fast, hard dry and is low in acidity. Its resistance to moisture allows the varnishes to pass the water tests without difficulty.

Paints for Motor Vehicles

Bureau of Yards and Docks specification 52-P-64 (Int) and 52-P-65 (Int) cover a ready-mixed gray enamel and a ready-mixed, iron oxide primer. The primer and enamel are used on exterior surfaces of wood and metal parts of motor vehicles.

Our recommendation for the 52-P-65 primer is covered by formulation P-50949 which is based on vehicle 50248. The varnish uses Durez 220 Resin, unbodied linseed and dehydrated castor oil. The pigment consists of iron oxide, zinc chromate and magnesium silicate as specified. The 52-P-64 Type I oleoresinous gray enamel is covered by formula E-50987 which is also based on the V-50248 varnish.

For samples or further information on above Durez resins write to

DUREZ PLASTICS & CHEMICALS, INC.
137 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

A NEW *Specification* RESIN

S&W AROPLAZ 1375

ARMY SPECIFICATIONS
3-171 Grade II, Primer, Synthetic, for Ferrous Metals
3-172A Grade II, Primer, Synthetic, Refinishing
3-173 Grade II, Enamel, Synthetic, Lustreless
3-174 Grade II, Enamel, Synthetic, Semi-Gloss
3-175A Grade II, Enamel, Synthetic, Gloss

NAVY SPECIFICATION
52-P-26 (Amend. of 6/1/44) Primer, Metal (Brown)

● U. S. I. announces a new Ester Gum-Modified Alkyd specifically developed for use in the specifications recently issued to meet current restrictions on phthalic anhydride. S&W Aroplaz 1375 can be used as the total vehicle solid component in producing coatings to meet the alternate specifications shown here.

Polymerized to a high viscosity, S&W Aroplaz 1375 permits formulation of acceptable products containing maximum volatile content. This enables you to produce specification finishes at minimum raw-material cost, with *no* sacrifice in quality.

U.S.I INDUSTRIAL CHEMICALS, INC.
60 EAST 42ND ST., NEW YORK 17, N. Y. — BRANCHES IN ALL PRINCIPAL CITIES

ready to go when the light turns green!

One of these days, perhaps with startling suddenness, the traffic light will turn green for non-war production. When the light changes to "GO," Monsanto Products, most of which now are under allocation, will be at your peacetime service. Some products are available today.

We shall count it a privilege to work with you, whether you are seeking new products or improvements. You may call upon our Technical Service without cost and without obligation on your part. Our work with you will be held in strictest confidence. Even though many of our products serving your industry are under allocation, we can supply you, in most instances, with samples for use in your experimentation. MONSANTO CHEMICAL COMPANY, Organic Chemicals Division, 1700 South Second Street, St. Louis 4, Missouri.

District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, Toronto.

MONSANTO ORGANIC CHEMICALS SERVING YOUR INDUSTRY

BENZOIC ACID
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
MALEIC ANHYDRIDE
PHENOL
PHTHALIC ANHYDRIDE
SANTICIZER 8
SANTICIZER 9
SANTICIZER 1-H
SANTICIZER B-16
SANTICIZER E-15
SANTICIZER M-17
SANTOLITE MS
SANTOLITE MHP
SANTOLITE K
SANTOMASK (Masking Odors)
TRICRESYL PHOSPHATE
TRIPHENYL PHOSPHATE

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

"And Freedom's banner streaming o'er us"

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by
SCHNELL PUBLISHING COMPANY, INC.,
59 John Street, New York 7, N. Y., U. S. A.
Telephone REctor 2-9820. Cable Address Reporter, New York.

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1944, by
Schnell Publishing Company, Inc.

Vol. 146 July 3, 1944 Number 1

Don't Fear Government

Large, influential groups of businessmen are beginning to speak of their fear that the government has a program for the perpetuating extension of the controls laid under the stress of wartime emergencies. It will be well for them to let this fear develop to the stage of stimulating them to do what is necessary to make it groundless. In other words, to do their job so well—from the general point of view, not merely on their own narrow criterions—that there will be no need for governmental control. It must be kept ever in mind that control is necessary; it also is desirable. The question of greatest moment is:—Who shall do the controlling? Somebody must; somebody will. And the choice lies wholly between business and government, with the latter on the inside track, because the former fell short of its responsibilities some fifteen or twenty years ago.

Business has no reason to fear government. It should set itself to the duty of analyzing the construction of government—its why's and its wherefore's—and of learning exactly why government is what it is and how it can be transformed by the simple processes of the republican form of democracy into what it should be.

Obviously, it is necessary that business first become convinced in its own mind as to what government should be. It must recognize that government in the United States has not been that for many decades, many generations. It has been pushed from one side to the other as opposing pressure groups gained or lost in power. It has remained a creature of the people; but, for reasons which are not difficult to discern, it has taken on the characteristics of a Frankenstein's monster, now from one point of view, again from another.

It is absolutely necessary, with respect to the relations of government and business—and they must be intimately related—that fears and animosities, misunderstandings and distrusts be eliminated—on both sides—and that a program of cooperation be mutually developed and mutually applied. For the achievement of that elimination, business must approach its problems as a single entity, properly comprising and coordinating ownership, management, and labor. With such a lineup, any antagonistic attitude on the part of government would count for little, because the coordinated power of the three elements of business would reshape government to its own desires.

A republican form of a democratic government is always exactly what the people make it. It must be recognized that a passive attitude toward the processes of its creation contributes at least as much to the nature of the result as does the active participation of those who design it. "We planned it that way" is only half the story. "You" let them get away with it.

Proper participation in the creation of government will rid its relations with business of all the undesirable characteristics by which they are now poisoned. Proper attention by business to the duties and responsibilities that fundamentally are its own will eliminate all necessity to fear government, whatever its program. The people just do not want governmentally conducted business. It will be too bad all around if they have to take it.

—O-P-D—

Priority Referral of Labor

Although the variety of products has been substantially lessened, production for war grows in intensity and in importance as the fighting becomes more widely active. There is a definite inadequacy of manpower for this imperative productive need. The request of the War Manpower Commission for full cooperation of all private enterprise and every governmental agency under the national priority referral plan, which became effective July 1, is of vital importance to the national welfare. Response to it should transcend all selfishness of employer, as well as employee. It is particularly desirable that the response of governmental agencies be earnest: the military agencies can do much to ease the draining or diverting of efficient manpower from positions in which the military program can be better served than in the field.

It is particularly important, as WMC officials have declared, that an adequate manpower be maintained in essential war production. This is a war of industrial activity as much so as of infantry. It is equally important that there be no overmanning in preferred regions to the detriment of areas of equal essentiality but less attractive or initially inadequately populated. The same must be the rule with respect to different industries: coordination is of first importance. The priority referral plan fixes the number of men who may be employed in specified establishments in the several areas of defined labor shortages. It would well do the same for areas of labor surpluses, so as to assist in the distributing of manpower in accordance with regional needs.

Programs under the priority referral plan will be localized to the greatest practicable extent. But, the fundamental standards will be national, in order that equitable treatment may be possible. One of these has to do with the limitations that may be placed on the jobs offered to a man. These are subject to the following conditions:—

1. No limitation shall be placed upon the number of jobs of substantially equal or greater manpower urgency which may be offered.
2. No such limitations shall be applicable to a job offer which the worker has good cause for refusing.
3. The refusal of a worker, without good cause, to accept a job opening shall not prejudice his right to be referred thereafter to job openings in the same order and in accordance with the same standards and procedures as are applicable to any worker eligible for referral.

The phrase, "without good cause," in the third condition would seem to nullify much of the purpose of the priority referral plan. Under some circumstances, it would be folly to expect employers to cooperate with respect to such an uncooperative person.

—O-P-D—

Fertilizer by Government

In the field of agricultural politico-economics, almost uniquely and almost universally, it is found that the earnest doing of a job by business is not enough to assure against governmental interference. The margarin industry does a good job of special consumer service—and it is taxed by government to support the dairy interests' idea of a reasonable profit. The fertilizer industry long has done and continues to do an excellent job of agricultural development at an undeniably reasonable cost—and, first, it gets whacked over the head with all the books of the antitrust statutes; secondly, an attempt pends in Congress to put its operations under Federal license or some such substitute for the wholly satisfactory system of State control. And now comes a senatorial bill in Congress to turn the fertilizer business of the country over to the Tennessee Valley Authority, with orders to select a farmers' cooperative as its successor after five years of governmental operation shall have exhausted the patience of the taxpayers.

It is as plain as a crow on a snowbank that the fertilizer industry has not by omission or commission invited governmental usurpation of its role as agriculture's most efficient aid. It has not wasted the mineral resources of the nation which are its raw materials. It has not fallen short of the expressed needs of agriculture in the providing of plantfood; in truth, it has continuously striven to increase agricultural production through the more extensive and intensive use of plantfood of specific value. It has not financially gouged the consumers of its products: the cost of fertilizer to the farmer has constantly been the lowest among his supplies—it is now 31 percent lower than their average. It has not depreciated quality but ever has striven to popularize the use of better and better fertilizer mixtures.

It must be that the politically accentuated economic idea behind the move to turn the fertilizer business over to the government is that, the fertilizer industry having done such a better than average job of business service at a much lower than average cost, certainly the greater expertness and so on of governmental personnel can do still better—produce a better fertilizer at a lower cost and supply it to the poor, miserable, mistreated, altruistic agriculturists of the country—for nothing. What difference does it make that somebody has to pay the experts? Subsidies don't cost anything—to those who get them. Certainly it can't be that somebody in Florida, or Idaho, perhaps, has some phosphate land to exploit!

CITRIC ACID AS AN AID IN SAVING HUMAN LIVES

The dramatic story of the lives saved among our battle casualties by means of blood plasma is too well known to need repeating. It may not be, however, a matter of common knowledge that Sodium Citrate, produced from Citric Acid, is used in preparing every pint of this life-saving plasma.

Those who have donated their blood to the Red Cross (which we hope includes or will include all who read this) may have noticed that the flask, into which the vital fluid was drained, contained a small amount of a clear liquid. This was a solution of Sodium Citrate which had been carefully filtered and sterilized to insure absolute freedom from any foreign organisms.

Ordinarily this donated blood would clot in a short time, rendering it useless for plasma production. The Sodium Citrate, however, prevents this clotting and permits the separation, even after many hours of storage, of the white and red corpuscles which comprises the first step in the preparation of plasma.

Even with millions of pints of plasma being produced, the consumption of Sodium Citrate is small compared with that of other uses to which this salt is put, but there is no question that this is its most important field of usefulness.

We are the leading producers of Sodium Citrate, both U.S.P. XII containing two, and VIII containing five and one-half molecules of water of crystallization. Both salts are of equal purity and must meet our own rigid specifications, as well as those of the U. S. Pharmacopoeia.

Chas. Pfizer & Co., Inc., 81 Maiden Lane, New York 7, N. Y. or 444 W. Grand Ave., Chicago, Ill.

PFIZER QUALITY

Chemicals For Those Who Serve Man's Well-Being

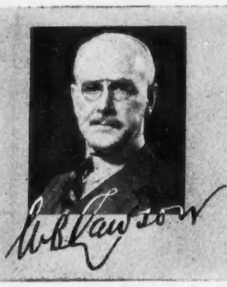
MANUFACTURING CHEMISTS • ESTABLISHED 1849

W. B. LAWSON, INC.
UNION COMMERCE BLDG.
CLEVELAND, OHIO
NATIONAL SALES AGENT, SODIUM SILICO FLUORIDE
U. S. PHOSPHORIC PRODUCTS DIVISION TENNESSEE CORP.

SODIUM SILICO FLUORIDE

Product of U. S. Phosphoric Products Division Tennessee Corp.

White, free-flowing, guaranteed 99+% Na_2SiF_6.



MERCHANTS . . .
MANUFACTURERS' SALES AGENCY

Distributors for: American Potash & Chemical Co. Duquesne Smelting Corp. • Ferro Drier & Chemical Co. • Lindsey Light & Chemical Co. • Merck & Co. Philadelphia Quartz Co. • Stauffer Chemical Co. Tennessee Corp. • Virginia-Carolina Chemical Co. Wyandotte Chemicals Corporation • Solventol Chemical Products, Inc. and others.

HYDROCHLORIC ACID

★

SALT CAKE

★

BAY CHEMICAL COMPANY, INC.
NEW ORLEANS, 9, LA.

A Magnesia Specialty House

CALCINED MAGNESIA
(MAGNESIUM OXIDE)
Exclusively

EXTRA LIGHT

The *Original* Neoprene Type

A supreme quality product. Extremely fine state of subdivision. Very Active. Calcined from carefully selected Carbonate. Uniform quality maintained through rigid laboratory control of modern production methods.

HEAVY

Many special types available for various specific uses. We can supply Heavy Magnesia finely ground to meet exacting screen test specifications or unground in granular form for chemical use. L. C. L. shipments from stocks in Philadelphia, New York City, and Chicago. Special service on Carload Shipments

PACKAGES—Specially designed to protect contents from moisture and air Corrugated carton with special waterproof liner, and inner paper liner. Five-ply multi-wall bag, including asphalt liner. Special Export packages for regular Export trade, also Army and Navy specification bags.

General Magnesite & Magnesia Co.

Manufacturers - Importers - Distributors
2960 EAST VENANGO STREET
PHILADELPHIA 34, PA.

SODIUM BENZOATE U. S. P.

Standard and Powdered

BENZALDEHYDE N. F., F. F. C.

Technical

Prompt service to any part of the United States

TENNESSEE PRODUCTS CORP.
PLANT AT CHATTANOOGA, TENN.
GENERAL OFFICES: NASHVILLE, TENN.

SALES REPRESENTATIVES

WM. S. GRAY & COMPANY
342 Madison Avenue New York 17, N. Y.
Phone: MUrray Hill 2-3100

Heavy Chemicals

Barium prices, including carbonate, chloride and nitrate were adjusted from a delivered to an f.o.b. basis on June 28, 1944 by OPA. The revision included both advances and declines, and places the freight rate up to the buyer. According to OPA, the revision represents an increase over present prices for carbonate and chloride and a reduction under the level of GMP regulation for nitrate. WPB has urged maximum production of barium chemicals to meet essential requirements both military and civilian.

On June 28 also, WPB prohibited the use of chromium metal to make nickel chrome resistance wire and of the delivery of such wire for use in domestic or commercial electric appliances. Direction 2 to GPO-M-18 effects this change immediately.

Although there is enough copper sulphate left to satisfy agricultural contracts, the stockpile has disappeared and the supply situation has turned definitely tight. The call for monohydrated as well as copper dusts has been exceedingly active and where storehouses were bulging at the beginning of the season, they are now bare of stocks. Expectations are that the passing of the agricultural season in August will pave the way for export shipments. Italy needs this material badly as the soil has deteriorated and crops become an easy prey to insect infestation. Lend-lease may call for a lot of material before the end of the year.

Nickel sulphate stocks have shown a tendency to expand but continued shipments for government use have kept any large surplus from piling up.

Paper production as a percentage of six-day capacity was 92.4 in the week ended June 24, according to the American Paper & Pulp Association. This compares with 92.8 in the previous week and 87.0 percent a year ago.

Alumina Sulphate. — While quotations for the commercial grade have remained unchanged, sales of iron-free were made recently at lower figures. The decline in price for this latter grade was not confined to the past week. Iron free was obtainable on the basis of 1.85c. per pound in bags carlots works and l.c.l. at 2.10c.

Barium Chemicals.—OPA has placed specific dollars per ton prices for technical grades of barium carbonate precipitated, barium chloride and barium nitrate. New prices represent an increase over present prices for carbonate and chloride and a reduction under the GMP regulation for nitrate. Barium carbonate, precipitated 98-99 percent will be from $60.00-$70.00 per ton works for paper bags, carlots and $65.00-$75.00 for barrels, same basis Barium chloride is held at $73.00 per ton in bags and $75.00 in barrels. Less than car lot price is $5.00 per ton higher at the works. Barium nitrate is quoted at .09½c. to 11c. per pound in barrels works for car lots and at 11c. to 11½c. per pound works for smaller quantities.

Bleaching Powder.—Felt the full impact of summer demand. April production as given by the Chemicals Bureau was 5,343,000 pounds against 4,929,000 pounds in March. Stocks held at producing plants were 1,487,000 pounds at the end of April compared with 1,445,000 pounds in March.

Chlorine.—On June 26, 1944, WPB amended order M-19, governing the allotment of chlorine, to raise the small order exemption and to remove the end use certification formerly required for small orders falling within that category. All cylinders of less than 2,000 pound capacity are now permitted in small order exemptions, regardless of total weight in any one period, according to the provisions of the amendment. Formerly, the small order exemption for any producer or distributor was limited to a total weight of 2,000 pounds of chlorine or less for any one month.

Potash Caustic.—Output being taxed to meet demand. Chemicals Bureau gave April production at 3,494 tons against 4,016 tons in March. Stocks at producing plants were 1,720 tons at the end of April compared with 2,394 tons at the end of March.

Market Trends

Prices Advanced

Barium carbonate, $5 per ton.

Prices Reduced

Alumina sulphate, iron free, ½c. per lb.
Barium nitrate, 1½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.6	169.6	170.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Soda Ash.—No improvement in buying conditions. Market held definitely tight position. Production of both light and dense for April was given by the Chemical Bureau at 730,580 tons compared with 762,027 tons for March. Combined stocks at producing plants at the end of April were 35,773 tons against 29,233 tons at the end of March.

Soda Caustic. — Buying conditions continued tight. Essential requirements were met but no sign of any reserve being built up. Chemicals Bureau gave April production of liquid for electrolytic at 99,052 tons and lime-soda process at 58,037 tons compared with March output of 101,349 tons of electrolytic and 58,037 of lime-ammonia. Stocks at the end of April were 35,736 tons for electrolytic and 14,741 tons of lime-soda against 33,149 tons of electrolytic and 12,721 tons of lime-soda for March.

Soda Silicate.—Production of liquid 40 degree was given at 88,315 tons for April by the Chemicals Bureau and at 10,809 tons of solid, all forms combined. The March production was 93,902 tons of liquid and 9,326 tons of solid. Stocks held at producing plants at the end of April were 94,146 tons of liquid and 9,326 tons of solid compared with 90,687 tons of liquid and 6,801 tons of solid in March.

Urea.—During the last 12 months even the alltime record supplies of protein feed have been inadequate to meet all demands, and this has focused the attention of research workers and others on the possibility of feeding synthetic urea to dairy cattle and other ruminants to meet their protein requirements, according to the Department of Agriculture. While many useful purposes have been found for urea during wartime, including the manufacture of plastics and fertilizers, the supply is still too small to be much of a factor in the immediate feed situation. The limited quantity now being made available for feed is being allocated largely to feed manufacturers to replace part of the high protein concentrates they normally use in feed mixtures.

Acids

Hydrochloric. — Production of 100 percent h.c.l. for the month of April was placed at 29,671 short tons by the Chemicals Bureau. This compared with 29,475 tons in March. Stocks at producing plants at the end of April were 4,158 tons against 2,428 tons in March.

Lactic.—Production of technical material for April was 322,810 pounds according to the Chemicals Bureau compared with 256,698 pounds in March. Stocks at the close of April were 240,820 pounds against 155,841 pounds at the end of March. The April supply was the largest registered so far this year.

Oxalic.—Buying conditions continued tight with production overtaxed to meet government and civilian requirements. Chemicals Bureau gave April production at 1,367,874 pounds compared with 1,517,309 pounds in March. Stocks at the close of April were 452,486 pounds against 443,151 pounds in March.

Sulphuric.—Chemicals Bureau gave April production of chamber process at 263,066 tons and contact process at 428,712 tons. March production was 275,317 tons of chamber and 438,867 tons of contact process.

Insecticides

Calcium arsenate shipments have not met general expectations. Stocks so far have been fully adequate to meet the current extent of demand.

For current prices see alphabetical listing beginning on page 9.

BARIUM PEROXIDE
BARIUM AND CHEMICALS, Inc., Willoughby, Ohio
Successors to The J. H. R. Products Co.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
CHURCH & DWIGHT CO., Inc.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

Stauffer
SILICON TETRACHLORIDE
BORIC ACID • CARBON TETRACHLORIDE • BORAX
TITANIUM TETRACHLORIDE • SULPHUR CHLORIDE
SILICON TETRACHLORIDE • SULPHURIC ACID
CAUSTIC SODA • TARTAR EMETIC • LIQUID
CHLORINE • SULPHUR • SODIUM HYDROSULPHIDE
CARBON BISULPHIDE • TEXTILE STRIPPER
STAUFFER CHEMICAL CO.
420 LEXINGTON AVE., NEW YORK
SAN FRANCISCO, CAL. CHICAGO, ILL.

SODIUM SULPHIDE
BARIUM CARBONATE BARIUM CHLORIDE
BLANC FIXE BARIUM PEROXIDE
BARIUM OXIDE BARIUM HYDRATE
Manufactured by
BARIUM REDUCTION CORPORATION
OFFICE AND WORKS: SOUTH CHARLESTON, W. VA.

CRESYLIC ACID
Authorized Distributors for the Defense Supply Corporation
SODIUM BENZOATE U.S.P.
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVENUE, NEW YORK
Telephones: AShland 4-2265 and 4-2266

Ammonia **ALUM** Potash
ALL GRADES
INTERBORO CHEMICAL CO.
32 Cliff Street, New York 7, N.Y. BEekman 3-2959

POTASSIUM CHLORATE
INTERNATIONAL SELLING CORP.
67 Broad Street, New York 4, N. Y. WHitehall 4-7490

CHROME OXIDE
SELENIUM SALTS
VITRO MANUFACTURING CO., Corliss Station, Pittsburgh, Pa.

POTASSIUM FERRICYANIDE
(Red Prussiate of Potash)
HUNT CHEMICAL WORKS, Inc.
271 RUSSELL STREET, BROOKLYN 22, N. Y.
Telephone EVergreen 9-4855

AMMONIUM PERSULPHATE
- Grade A—Fine crystals . . . Guaranteed not less than 99% pure
- Grade B—Medium crystals—97½% pure

PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
1000 WIDENER BUILDING, PHILADELPHIA 7, PA.
New York • Chicago • St. Louis • Pittsburgh • Minneapolis • Wyandotte • Tacoma

CROTON
POTASSIUM NITRATE
(SALTPETRE)
has been **removed from allocation.**
Immediate shipment of carload or less than carload lots can be made.
INDUSTRIAL CHEMICALS ESTABLISHED 1830
CROTON CHEMICAL CORPORATION.
57 COMMERCE STREET, BROOKLYN, 31, N.Y. PHONE MAIN 5-2410

Chemicals Bureau gave the April production at 4,099,000 pounds compared with 3,392,000 pounds in March. Stocks at the end of the month were 8,530,000 pounds against 8,203,000 pounds in March.

Bureau of Entomology and Plant Quarantine have modified instructions pertaining to the treatment of the white fringed beetle. A reconsideration of all available data has shown that the present schedule for methyl bromide fumigation under partial vacuum for the treatment of plants in pots or in soil balls can be safely reduced to a lower level so as to minimize the hazard to plants treated. Administrative instructions as to this type of treatment as specified in a circular, issued March 27, 1944, remain unchanged.

Last week the U. S. and Canada started a cooperative experiment to test methods of applying sprays from aircraft for controlling the spruce budworm in Ontario and Quebec, Canada. Spruce fir forests in the U. S. now threatened with invasion by the budworm include New England areas, particularly Maine and the lake states. The 1944 control program will consist of spraying with both aircraft and ground equipment in Canadian forests on test plots of heavily infested timber lands. The U. S. will supply a biplane especially equipped with a spraying device for distributing highly concentrated sprays to be tried against the spruce budworm for the first time.

Increases in ceiling prices of pyrethrum and rotenone products have been announced by OPA. The revision is designed to maintain maximum importation of the raw roots and flowers for processing in this country into essential insecticide products. The action, which will become effective July 5, 1944, broadens MPR No. 298. Price increases start with the ceiling price of raw materials landed in this country and are passed on through primary products to semi-finished and finished insecticides. Rotenone roots landed in this country will be advanced 3c. per pound to 25c. The ceiling for pure rotenone powder will be raised 5c. to 40c. a pound. The maximum price which may be charged domestic processors for dried pyrethrum flowers is 32½c. per pound of flowers testing 1.3 percent pyrethrins, which reflects the higher prices paid by FEA to African farmers for their crop. Prices for other primary products have been similarly adjusted.

Barium Chemicals

—Continued from page 5

accounts for only a small share of the production, is given a slightly higher price to enable him to fulfill existing war contracts. However, in all cases the new prices for nitrate are lower than ceiling prices established under the General Maximum Price Regulation which were relatively high due to the shortage of supply during 1941 and early 1942.

Resellers (as distinguished from brokers or agents) will continue to use their GMPR prices except that they may add to their carbonate and chloride prices any increase in their current buying prices permitted by the regulation.

Central Chemical Has Fire

Central Chemical Company, Butler, Pa., was damaged by fire June 26. Loss was placed at $50,000.

Gannon to Manage New Haven Office for Grasselli Dept.

R. J. Gannon, formerly salesman at the Cincinnati office, has been appointed branch manager at New Haven, Conn., for the Grasselli chemicals department of E. I. duPont de Nemours & Co., Wilmington, Del. He succeeds Charles Klotzberger, who temporarily will cover a special assignment at the Wilmington office.

F.W.D.A. to Meet In N. Y. Sept. 14-16

The Federal Wholesale Druggists Association will hold its fourth "Road Ahead" conference at the Waldorf-Astoria, September 14 to 16.

Kiln Burned
HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
BURLAP BAGS, $5.50 Per Ton Over Bulk
Lump, Granular, Powdered
Subject to allocation by War Production Board.
Prices subject to change without notice
ALABAMA CHARCOAL CO.
Division of
THOMPSON - HAYWARD CHEMICAL CO.
KANSAS CITY, MISSOURI

HOW TO SPOT TWO 100% DEPENDABLE CHEMICALS
Just look for these Identifying Insignia:
LIQUID Sulfur Dioxide BY ANSUL*
LIQUID Methyl Chloride BY ANSUL*
*Reg. U. S. Pat. Off. OP-4-44
ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
EASTERN OFFICE: PAOLI, PENN.

WE BUY SURPLUS CHEMICALS
20 Years of Service to
Manufacturers and Consumers Having Excess Stocks of
CHEMICALS DRUGS SOLVENTS
WAXES OILS GUMS
BARCLAY CHEMICAL COMPANY
75 VARICK STREET NEW YORK 13, N. Y.
WOrth 4-5120

INDUSTRIAL Washine CHEMICALS
PHOSPHORIC ACID 75%
(FOOD GRADE)
CARBOYS - BARRELS
Washine-National-Sands, Inc.
MANUFACTURING CHEMISTS SINCE 1919
37-02 Northern Blvd. Long Island City ST. 4-0500
Jacobus Ave. S. Kearny, N. J. MA 3-4725

Mines Depletion Rule

—Continued from page 5

a greater volume of mineral has been and is being sold for nonmetallic purposes, although a lesser amount of the production from the same mine is being sold at much higher prices per unit for metallic purposes. In other cases, it has been found more profitable to divert the normal production of the mine to nonmetallic purposes.

It was the opinion of the bureau that where a mine produces an ore containing substances which are susceptible to both metallic and nonmetallic uses, or where a mine produces both metallic and nonmetallic substances from the same ore body, percentage depletion may be computed for federal income tax purposes on the part sold or used as a metal, and that part sold or used as a nonmetal should be treated as a nonmetal in determining the nature and extent of the depletion allowance.

Mathieson Adds Smith And Tarpy to Sales Staff

H. P. Smith, formerly president of the George Chemical Company, New York, and Thomas Tarpy Schulton, formerly with the General Chemical Company, New York, have been appointed field representatives of the New York office of the Mathieson Alkali Works.

Penna. Salt to Open Cincinnati Sales Office

The Pennsylvania Salt Manufacturing Company, Philadelphia, will open a district sales office in Cincinnati, Ohio, in the Carew building to serve the territory including Southeastern Indiana, Southwestern Ohio, and the major part of Kentucky. Louis M. Kuilema, who has been appointed district sales manager in charge of the office, was formerly with the Paper Makers Chemical Department of the Hercules Powder Company, Wilmington.

Chemical Salesmen To Golf July 11

The Salesmen's Association of the American Chemical Industry will hold its second golf tournament of the season at the Bonnie Briar Country Club, Larchmont, N. Y., July 11. Facilities of the club for swimming and playing tennis will be available. Reservations for the outing are in charge of J. Robert Fisher, of the Fisher Chemical Company, who is chairman of the entertainment committee of the association. His address is 60 East Forty-second street.

J. R. Fisher

Trade Briefs

Reynolds Metals Company has acquired the fourteen-story office building at 19 East Forty-seventh street, New York.

H. Victor Company and the Rector Mineral Trading Corporation have moved their offices to 16 East Forty-third street, New York.

Stuart Oxygen Company, Vernon, Calif., has been issued a building permit for construction of a new loading dock at a cost of $2,000.

H. K. Porter Company, New York, has appointed M. D. Bensley general manager of three recently acquired plants in Mt. Vernon, Ill.

Metal Research & Manufacturing Corporation has been formed in Los Angeles, with a capital of $15,000. Directors are: Elmer Craig Higgins, of West Los Angeles, and William D. Lewis and Robert N. O'Brien, both of Los Angeles. The new corporation is represented by Collins Mason, Edison building, Los Angeles, Calif.

SILICATE of SODA
40° and 60°
EXPORT - DOMESTIC
TURPENTINE - LINSEED OIL - ALCOHOL
CHAS. L. READ & CO., Inc., 120 Greenwich St., NEW YORK 6, N.Y.
Telephone COrtlandt 7-8865

BORAX — Technical Grade + 99.5% — Powder and Fine Granular
SODIUM SESQUICARBONATE — Technical
SODA ASH Light and Dense
PACIFIC CRYSTALS
Laundry Soda
Household and Packaging Soda
Dairy Soda
PACIFIC ALKALI COMPANY
523 W. 6th Street, Los Angeles, Calif.
Cable Address: SELMUD

CARBON TETRACHLORIDE
IN 52½ GALLON DRUMS *Your Inquiry Solicited*
OWENS BROKERAGE CO. 95 Broad Street, New York 4, N. Y.
Telephone BOwling Green 9-0428

OXALIC ACID
Guaranteed 99.8% Pure
Free from sulphuric and hydrochloric acids. Available in large, small or special fine crystals as well as powdered. Careful screening assures uniformity.
VICTOR CHEMICAL WORKS
141 WEST JACKSON BOULEVARD CHICAGO 4, ILLINOIS

Manufacturers of
LIGHT CALCINED MAGNESIA
FOR NEOPRENE COMPOUNDING
Recently expanded facilities permit offering of light Magnesium Oxide suitable for synthetic rubber compounding. Prompt shipments. Write or wire.
MICHIGAN CHEMICAL CORPORATION
SAINT LOUIS • MICHIGAN

METOL
(Monomethylparaminophenol Sulfate)
Registered Trade-mark
Sole Licensee
TANNIC ACID • GALLIC ACID
(U.S.P. and Technical Grades)
ZINSSER & COMPANY, Inc.
HASTINGS-ON-HUDSON, NEW YORK

BARIUM
CARBONATE
CHLORIDE
SULFIDE
CHROMATE
• SODIUM SULFIDE • SODIUM SULFHYDRATE •
• AMMONIUM SULFIDE
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GEORGIA

Another Pittsberg Product
REFRIGERANTS
Stocked by Leading Refrigeration Jobbers
METHYL CHLORIDE
METHYLENE CHLORIDE
SULFUR DIOXIDE
KINETIC CHEMICALS "FREON 12"
(Sales Agents)
We invite your inquiry on other chemicals
MANUFACTURED BY PITTSBERG CHEMICAL CO.
3100 EAST 26TH STREET, VERNON, CALIF.

"VIRGINIA" HYDRO-SULFITE (SODIUM)
"VIRGINIA" HYDRO
IS UNEXCELLED FOR
Vat Dyeing, Stripping and Decolorizing
• Crystalline—Free-flowing
• Stable—Non-caking
• Rapid Solubility
PACKED IN
250 lb airtight containers
BUY BONDS TODAY!
VIRGINIA SMELTING CO.
WEST NORFOLK, VIRGINIA

Maas PHOTO-PURE Sodas
The Standard of the Motion Picture Industry
SODIUM SULFITE
Anhydrous
SODIUM HYPOSULFITE
Diamond—Pea Crystals—Anhydrous
SODIUM CARBONATE MONOHYDRATE
And a complete line of Photographic chemicals
"ARMed for Chemical Service"
A.R.MAAS Chemical Co.
4570 ARDINE ST., SOUTH GATE, CALIF.

BARRETT CHEMICALS FOR INDUSTRY

PHENOLS • CRESOLS • CRESYLIC ACIDS

CHLORINATED TAR ACIDS • XYLENOLS

BARRETAN* • PICKLING INHIBITORS

BENZOL • TOLUOL • XYLOL

SOLVENT NAPHTHA

NAPHTHALENE

HI-FLASH SOLVENT

PHTHALIC ANHYDRIDE

DIBUTYL PHTHALATE

NIACIN (Nicotinic Acid)

PYRIDINES • PICOLINES
QUINOLINE

TAR ACID OILS

NEUTRAL COAL-TAR OILS

CREOSOTE OIL

CUMAR*
(Paracoumarone-Indene Resin)

CARBONEX* • CARBONEX S

RUBBER COMPOUNDING MATERIALS

BARDOL*

HYDROGENATED COAL-TAR CHEMICALS

FLOTATION AGENTS

ANHYDROUS AMMONIA

AMMONIA LIQUOR

SULPHATE OF AMMONIA

AMMONIUM NITRATE

ARCADIAN*
THE *AMERICAN* NITRATE OF SODA

*Trade-mark Reg. U. S. Pat. Off.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

Barrett

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert St., Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

No relaxation in demand for basic coaltar chemicals could be noted. Shipments for essential uses have held the available supply tight in most instances. Deliveries of benzol and toluol have continued heavy and buying conditions for civilian requirements have remained tight. The urgent call for high octane gasoline as well as the heavy demand for munition wants have not favored any early improvement in the supply of those coaltar chemicals. New regulations governing the movement of xylol became effective under order M-300 on July 1. Supplies of phenol were sufficient to satisfy a steady demand for war production with both synthetic and natural having an important part in the movement.

No unusual feature was revealed in the acid group. The supply situation has not improved in either fumaric or maleic acids while in some of the other varieties operations were characterized by conservatism. Under intermediates, phtalic anhydride remained in definitely short supply although there was a feeling that ways and means would eventually be found to improve the supply situation. The scarcity of paradichlorobenzene appears to have become chronic. Demand has kept ahead of the supply limit for many months. The shortage of cyclohexanone stocks for civilian use was about the only feature in hydrogenated solvent classification.

Steel industry operations for the week ending June 26 were scheduled at 95.7 percent of ingot capacity by the American Iron and Steel Institute. This compares with 97.3 percent for the previous week and 97½ percent a month ago. The current schedule was equivalent to a production of 1,714,300 net tons against 1,742,900 tons for the previous week and 1,563,700 tons for the corresponding week in 1943.

Basic Products

Benzol.—Heavy shipments for use in the manufacture of high octane gasoline and other essential requirements have kept the supply for civilian use relatively low. The market's position remained firm without quotable change in prices.

Creosote Oil.—Tar distillers production in April was given at 10,869,901 gallons compared with 11,633,703 gallons in March. Stocks at the end of April were 26,522,738 gallons against 25,724,682 gallons for March. By-product production for April was 3,562,500 gallons against 2,983,920 gallons in March. Stocks at the end of April were 1,955,584 gallons compared with 1,516,362 gallons in March.

Cresol.—Production of meta-para for April was 640,698 pounds compared with 537,482 pounds in March. Stocks at the close of April were 294,448 pounds against 167,351 pounds in March. Production of ortho-meta-para was given at 655,213 pounds in April against 971,533 pounds in March.

Cresylic Acid.—Crude output in April was placed at 2,141,226 pounds in April compared with 2,014,785 pounds in March. Stocks were 1,438,474 pounds at the end of April against 1,265,764 pounds at the end of March. Refined production was 3,342,989 pounds in April compared with 3,737,173 pounds in March. Stocks at the close of April amounted to 2,154,511 pounds against 2,365,739 pounds in March.

Naphthalene. — Chemical Bureau placed production of byproduct less than 79 degrees C., at 8,288,927 pounds against 8,682,110 pounds in March. Stocks at the close of April were 3,227,748 pounds compared with 2,892,682 pounds in March. Tar distillers, less than 79 degrees C.—April production 17,013,390 pounds against 17,616,262 pounds in March. Stocks at the close of April were 9,371,842 pounds against 8,474,152 pounds in March. Refined, 79 degrees and over, April production was 7,578,823 pounds against 8,180,156 pounds in March. Stocks at the close of April were 2,604,018 pounds compared with 2,910,302 pounds in March.

Phenol.—Supply situation continued favorable to meet WPB allocations. Movement reported steady with producers in position to route shipments promptly. Increased production of munitions expected to have stimulating influence on movement.

Toluol.—No relaxation in movement for essential products. An active call for use in blending of high octane gas was noted. The fact that this material does not freeze at high altitudes has made it popular in the processing of aviation motor fuel.

Xylol.—Light stocks and heavy demand have held the buying situation tight. The movement is now regulated by order M-300, schedule 23.

Chicago, June 30.—Orders for coaltar bases are reported holding up in comparatively good aggregate volume. Material is moving well on the whole. Products for war needs are strong. Benzol is holding firm. Ruling prices exclusive of tax are:—Benzol, pure, in tank-cars, freight allowed up to 2c. per gallon; 15c. per gallon; toluol, 2-degree, same basis, 28c.; industrial xylol, same basis, 27c.; 10-degree xylol, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Hydrogenated Solvents

Cyclohexanol. — Production moved out steadily to regular consumers. There was no indication of any price change.

Cyclohexanone. — Requirements for military use were responsible for the major part of the week's movement. Supply was about sufficient to meet essential demand and that was all. Former prices were fully sustained.

Methylcyclohexane. — Production curtailed through difficulty in securing sufficient benzol. Relatively small available supplies had a steadying influence upon quotations.

Coaltar Acids

Anthranilic.—Essential requirements were satisfied promptly. Demand was reported active while stocks were kept at a relatively low level.

Benzoic.—Technical material was held firmly at lately prevailing levels. Shortage of basic material checked any tendency to increase production and the limited available supply kept buying conditions relatively tight.

Fumaric.—Demand was reported active for resinous compounds derived from this base to satisfy war production program. Supply situation remained tight with prices firm.

Gamma.—Demand continued active for use in the dyestuff industry. Supply just about able to meet demand in comfortable shape.

Laurant's.—Labor shortage having a tendency to slow down production. Available supply tight with market firm.

Maleic.—Not much around for civilian use. Scarcity of benzol and continued active call for essential resin compounds have kept stocks at a low level. Shipments guided by WPB regulations.

Picric.—Shipments for war use taking major part of production. Market tight and prices firm.

Other Intermediates

Alphanapthol. — Production limited under manpower shortage and difficulty in securing sufficient basic material. No relaxation in demand.

Anilin.—Shortage of benzol reflected in limited production. WPB regulating movement to essential civilian end uses.

Anthracene. — Shipments for war production continue to keep civilian supplies limited and necessitates tight buying conditions.

Benzaldehyde. — The requirements for technical material continued to run high and available supply was

For current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended June 10 indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	40,716,600
Benzol	gals.	3,994,350
Coaltar	gals.	15,590,850
Creosote oil	gals.	824,640
Naphthalene	lbs.	1,739,475
Phenol	lbs.	231,930
Toluol	gals.	798,870
Xylol	gals.	190,300

subject to extremely close control by the War Production Board. Products required by the war program absorb much of present moderate production. Without price control, values would be substantially higher.

Betanaphthol.—Demand for technical was excellent and tended to limit the availability of other qualities of this material. Consumption accounted promptly for current output.

Catechol. — Market reported steady with demand and supply well adjusted. Supply situation permitted prompt shipments.

Dinitrobenzene. — Essential requirements were covered but the available supply was reported light under the prevailing scarcity of basic material.

Diphenyl. — Market quoted steady under a moderate routine demand. Buyers concerned mostly with actual requirements.

Diphenylamine.—Demand for essential uses steady. Supply held within moderate limits while price structure remained unchanged.

Nitrobenzene. — Position reported firm under active demand for use in high octane gas and synthetic rubber manufacture. Shipments regulated by WPB.

Paradichlorobenzene. — Supply continued short of demand and market held a definitely tight position. Consumption of this material for moth control has revealed a consistent increase.

Phthalic Anhydride. — Consuming demand remained above the supply limit leaving the market in a definitely tight position. Chemicals Bureau gave April production at 10,607,574 pounds against 10,345.136 pounds in March. Stocks at the end of April were 1,780,311 pounds compared with 1,982,944 pounds in March.

Resorcinol. — Price stability prevailed. Production appeared sufficient to permit prompt shipments of the current volume of business, which is considered to be about normal.

Coaltar Colors

Textile demand has shifted to a more conservative basis and this was reflected in a curtailment of buying operations. Demand from the leather industry, while somewhat below seasonal expectations, has continued at a fairly even basis. Small lot purchases were about the best that could be said for the certified food colors.

Trade Briefs

G. D. Jenssen Company has been formed with a capital of $50,000 in $100 shares to manufacture chemicals. Subscribers are J. D. Jenssen, Edward F. Tucker and Lawrence R. Ormiston.

Industrial Development and Research is the firm name under which Deane L. Weaver has published a certificate that he is conducting business at 727 West Seventh street, Los Angeles, Calif.

Dr. W. A. Pennington has joined the research staff of the engineering division of the Carrier Corporation, manufacturer of air conditioning, refrigerating and heating equipment, Syracuse, N. Y.

Fred Stein, of F. H. Paul & Stein Bros., importers and exporters of chemicals, raw materials and specialties, New York, recently left for an extended trip to South America to contact the firm's principals. He is expected to return some time in August.

General Aniline Story Told

The story of the Americanization of the General Aniline & Film Corporation is told in a report made by James E. Markham, Alien Property Custodian and his predecessor Leo T. Crowley. Copies of the report may be obtained by writing the company at 230 Park avenue, New York.

Washington Talks It Over

—Continued from page 5

the last war and will do it again unless Congress puts a stop to it now, he says. His bill gives any concern that now uses these words in its name sixty days within which to discontinue it.

Whisky Holiday

When WPB Chairman Nelson declared a month's whisky holiday so that distillers could replenish some of their vanishing stocks of potable alcohol, the result in one way has been not unexpected. All users who have been forced to get along on less alcohol than they desired are now clamoring for more. They are asking, naturally, how come, if there is so much alcohol on hand that the distillers can be allowed to take a holiday from war production without interfering with synthetic rubber production, why can't they be let to produce a little longer and satisfy the needs for alcohol of all other users?

WPB is hard pressed to find a satisfactory answer to the question, and maybe it will be forced later to lift some of the restrictions on use. But right now the comeback goes something like this:—Who has been hit the hardest by curtailment of alcohol for war, the whisky producers or other users? The whisky producers haven't got any alcohol for two years, so why shouldn't they come first?

Packprod International Formed

Packprod International Company has been formed as a division of Packing Products Company exporter and importer, New York. The new company will maintain and develop export sales of textiles, steel, hardware, chemicals, household and other goods and, also, serve as a buying office for foreign accounts. Packing Products Company will continue to handle the export and import of foods. Additional space has been acquired in the same building, 271 Church street, where the two companies will occupy practically an entire floor.

DuPont Ammonia Control Manager R.L. Dodge

Dr. Ralph L. Dodge has been named control manager of the ammonia department of E. I du Pont de Nemours & Co., Wilmington. He succeeds Samuel J. Thomison who has been granted a leave of absence pending his retirement September 1 after forty years of service with the company. Dr. Dodge joined the du Pont company in 1924, at the Belle Works, Belle, W. Va. Mr. Thomison was born at Laurel, Del., and was educated in the schools there and in Wilmington, specializing in accounting. He joined the accounting department of the company in 1903.

Paisley Products Names LaBrie Technical Director

Laurent J. LaBrie has been appointed technical director of the Chicago and New York plants of Paisley Products, Inc., manufacturer of adhesives. Mr. LaBrie was formerly chief of the Heavy Chemicals Unit, of the Office of Price Administration. Prior to his Washington position, he served as technical director of J. A. Tumbler Laboratories, Baltimore, and vice-president of its Canadian subsidiary. From 1927 to 1934, he served as chief chemist and superintendent of the Farboil Paint Company, Baltimore.

U.S. Agricultural Research Special Assistant Resigns

Dr. Charles G. Woodbury, who has been serving as special assistant to the Agricultural Research Administrator in the Department of Agriculture since January, 1943, has resigned, effective June 30, to return to his post as director of raw products research for the National Canners Association. Dr. C. A. Magoon, who has been associated with Dr. Woodbury for the past year, will carry on the latter's work in the Agricultural Research Administration.

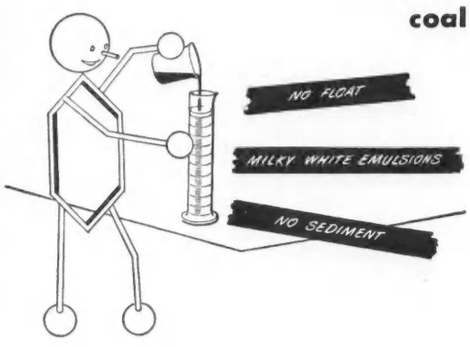
Green With Glyco Co.

Maurice S. Green, formerly of the National City Bank of New York, has been appointed comptroller of the Glyco Products Company, Brooklyn, N. Y.

Tar acid oils

2 *types*

entirely of coal tar origin



1 Tar acids of any desired tar acid strength and with phenol coefficient guaranteed on basis of 1 unit of coefficient for each 5% of tar acids. These oils are especially frozen to show no deposit of naphthalene at 0°C. When properly compounded, a white emulsion is obtainable.

Sulfonation residue is guaranteed not to exceed 5% and averages far below this amount.

The tar acid content consists entirely of xylenols and higher-boiling acids.

2 We also have available, through allocation, 35% Tar Acid Oil containing phenol and cresol in naturally-occurring percentages, together with the higher-boiling acids. This grade may be superior for certain purposes because of the presence of phenol and cresol.

Samples furnished upon request. Prices, f.o.b. our Works, freight equalized with other places of production.

KOPPERS COMPANY

Tar and Chemical Division

PITTSBURGH 19, PA.

ALBUMENS

SPECIFY "GARTENBERG"
. . . always Uniform
. . . always Dependable

★ THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU DOMESTIC ALBUMENS AND EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE

Write for Samples and Quotations

★★ SPEED VICTORY—BUY WAR BONDS ★★

H. GARTENBERG & CO., Inc.
Largest Manufacturers of Tanners' Egg Products
412 W. Pershing Road Chicago, Illinois
Cable Address: "GARTEGG"

Natural Products Refining Co.
910 Garfield Avenue, Jersey City, N. J.
Natural BICHROMATES

ORTHO PHENYLENEDIAMINE
PARA CHLORO-ORTHOPHENYLENEDIAMINE
PARA AMINODIMETHYLANILINE
FAIRMOUNT CHEMICAL CO., INC., 600 Ferry St., Newark 5, N. J.

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

Mutual BICHROMATES
BICHROMATE OF POTASH
BICHROMATE OF SODA
CHROMIC ACID
MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK 16, N. Y.
CHROMIUM CHEMICALS

Textile and Leather Chemicals

Interest in tanning materials was spotty during the week and centered in wattle bark and myrobalans with some business noted for shipment at current levels. Divi-divi was quiet and steady at the recent advance. Demand for tara powder was light. Sizing materials continued to move into consuming channels at a good pace, although new business was light. Textile processing agents were moving in greater volume against contracts. Deliveries of corn starch improved, though producers were lagging behind schedules.

Conservation order M-310, effective July 1, 1944, states that until further notice no tanner shall put into process for his own account in any calendar quarter, in excess of 300 percent of the monthly average number of cattle hides, calfskins or kips, respectively, which he put into process for his account during 1942. This also applies to the processing for accounts of others or which he caused to be put into process for his account.

The War Food Administration announced under WFO 103, effective June 24, corn set aside for requirements for the defense of the United States will result in a shortage in the supply of corn for private account and export.

ODT general order L-2 covering motor transportation of corn in certain Midwest areas has been revoked because of the expiration of WFO 28, June 24.

Office of Price Administration has announced an upward revision of chestnut extract price ceilings, effective July 6. For further details, see news story in this issue.

Chemicals

Potash Bichromate. — Production of bichromate and chromate, 100 percent, amounted to 638,000 pounds in April, according to the Chemicals Bureau. The March production was 676,000 pounds. Stocks at producing plants at the end of April were 410,000 pounds compared with 486,000 pounds in March.

Soda Bichromate. — Chemicals Bureau placed the April output at 6,920 tons of soda bichromate and chromate 100 percent. This compared with 7,511 tons in March. Stocks at producing plants at the end of April were 1,403 tons against 1,847 tons at the close of March.

Soda Hydrosulphite. — Output reported heavily sold against contract. The rapid movement of material from plant has kept the buying situation relatively tight.

Sulphur Dioxide. — Although the Chemicals Bureau did not have the April production figures ready at this time, the March production was given at 5,969,000 pounds with stocks at producing plants 3,252,000 pounds. Buying interest was reported mostly for current requirements with the supply situation favorable for prompt shipment.

Dyestuffs

Annatto. — Available supplies continued scanty with holders confining sales to regular customers only. Stocks were held at Jamaica and other points of origin during the past three months awaiting for freight space for shipment.

Turmeric.—Holders of limited stocks of Aleppo on the spot report a steady consuming demand. Recent arrivals were delivered against prior contracts. Prices were unchanged and firm.

Sizing Materials

Albumen Blood. — An active call continued a pace greater than production and inventories accumulated during the Winter months are fast disappearing. The tanning trade were absorbing the usual seasonal quantaties, while the cork industry has increased the consumption of blood due to the cork allocations. Soluble dried blood was in steady demand.

Albumen Egg. — Recent purchases for government account continued to stabilize this market. Owing to the passing of the peak of the egg-breaking season, the production was expected to show a material reduction during the next few months. Prices were unchanged.

From January through June 15 of this year the War Food Administration has accepted offers on 169,876,148 pounds of dried whole eggs and 249,800 pounds of dried albumen.

The War Food Administration has announced new specifications for slack barrels and 14-pound containers for packing dried eggs. New slack No. 1 barrels or once used that have been reconditioned by an authorized cooper capable of holding from 150 to 200 pounds. Specific actions of type A fourteen pound container to hold egg powder, the perimeter of the bag shall not be less than the inside perimeter of the unit container and not less than three inches excess stock in depth to be allowed to permit positive closure.

Dextrin, Corn.—Active demand featured this market. Deliveries were about two months behind.

Egg Yolk.—While supplies were ample to fill current requirements, production was expected to gradually decline as the end of the egg-breaking season approaches and the manpower shortage is more keenly felt. Prices were well maintained.

Dried egg production in May totaled 35,234,000 pounds, the largest production of any month of record, 11 percent above the previous high record of April, 1944, and 24 percent larger than in May last year, according to the Bureau of Agricultural Economics. For the first five months of 1944, production totaled 147,237,000 pounds, compared with 114,795,000 during the same period last year, an increase of 28 percent. The quantity dried so far this year was equivalent to approximately 14,502,000 cases of eggs.

Starch, Corn.—Demand for various corn products continued active. Deliveries were still three to four weeks behind. Producers have accumulated sufficient stocks of corn for processing during the next few weeks. CCC recently lifted the restrictions on corn purchases increasing production. Although producers have larger supplies of corn on hand, the manpower shortage continued to curtail output.

The visible supply of corn increased some 1,437,000 bushels during the week ended June 24, totaling 10,496.000 bushels, as compared with 9,434,000 bushels a year ago, as reported by the Chicago Board of Trade.

Starch, Potato. — This market remained steady. Stocks on hand were said to be sufficient to cover current needs. Producers' plants have practically stopped processing and were cleaning up odds and ends of raw stocks.

As a result of delays in planting and harvesting caused by excessive rainfall, the War Food Administration has amended the 1944 potato price support program which extends the period for Northeast Texas from June 26 to June 30; for Oklahoma from June 30 to July 15; and for Arkansas from June 30 to July 20.

Tanning Materials

Divi-Divi.—Conditions remain firm in this market at the recent advance. Offerings for future shipment were closely held at $63 per ton with recent sales made at this figure for future shipment from Colombia.

Myrobalans.—Good-sized quantities were moving as replacements for the divi-divi. Prices were steady and unchanged.

Tara.—Buying interest was moderate. Market was well held at the recent reduction to $125 per ton. Available supplies are quite liberal.

Wattle Bark.—Trading was quite active during the week, with business reported for shipment at current quotations. Market was steady, with users showing a good inquiry.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
262.8	262.8	262.8	262.8

For current prices see alphabetical listing beginning on page 9.

Protective Coatings Materials

With the recently voiced assurance of government authorities, that war munitions production, requiring a plethora of paint, varnish and lacquer materials, must be pushed to the n-th power for at least three months to come, and presumably throughout the greater part of the remainder of this year, manufacturers of protective coatings and their ingredients feel certain that there can be no notable tapering off of war orders affecting their industry until they have had time to replace any such dwindling of war business with a steadily mounting volume of civilian buying.

Straws already show that the wind is beginning to blow strongly in that direction. Maintenance painting operations, as previously mentioned, are continuing in large proportions long past their customary time for waning, this Summer, and bid fair to reach an unprecedented aggregate for the remainder of the hot weather period and throughout the Fall and early Winter. Simultaneously, there is a steady mounting of the volume of permits for new construction, alterations, additions and repairs to buildings already erected and in urgent need of new protective coatings.

Paint and varnish makers are now convinced that they could swell their civilian business to even greater totals than they are doing, if they could obtain more of the drying oils, solvents, pigments and colors, whose uses are still drastically restricted by allocation control or other limitations, as well as more steel drums and other containers.

Chief among the week's developments in the materials market has been the temporary establishment by the Office of Price Administration of price ceilings on gum rosin and its declared intention of replacing these with permanent ceilings on this natural resinous material.

Metallic Lead and Zinc

It has become evident, since the full impact of the war drain upon metallic lead supplies has made itself increasingly felt, that the current rate of production and importations of lead are not great enough to meet both war and essential industry requirements. But there has not yet been any depletion of lead stocks of sufficient size to cause the War Production Board to have renewed recourse to a producers' pool or to impose drastic restrictions upon civilian uses. Hence, lead oxidizers and other lead pigment makers are still able to fill their requirements without limitations. Prices for pig lead have remained unchanged for the week June 23-30 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Largely because of the constantly increasing war requirements in zinc metal, which continue to exceed the recently stepped-up production of zinc slabs to an alarming extent, zinc pigment makers are still required to possess priority ratings in order to procure the slabs with which to meet their needs, in spite of a plethora of zinc ore awaiting conversion into such slabs. Quotations for zinc slabs have remained unaltered for the week of June 23-30 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Lithopone. — Stocks continue to dwindle under the heavy takings of civilian consumers who are being forced to have recourse to this material when unable to obtain their full requirements in titanium dioxide because of the extraordinary drain upon supplies of the latter in the filling of military needs on rated orders.

Red Lead.—Still moving as briskly as the limited supply of steel shipping drums will permit. Prices firmly held.

Titanium Dioxide.—With war requirements running to record proportions, supplies are being bitten into in the filling of these military needs on rated orders to the extent that the quantities remaining available for the trade are too small to meet all its needs.

Zinc Oxide.—A slightly freer movement of lead-free zinc oxides has resulted from WPB's recent action in extending the list of their permissible uses but the supply situation in this material, which is still under allocation control, continues in a greatly contracted state. Leaded zinc oxides, though free from such control, are also in only limited supply, with the market firm throughout.

Market Trends

Prices Advanced

None

Prices Reduced

Alphapinene, 1¼c. per gal.
Rosin, gum, 10c. to 30c. per 100 lbs.
Turpentine, gum, 1¼c. per gal.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Fillers and Extenders

Barytes.—Although there is still a scarcity of dryground material at Far South sources, there is a sufficiently plentiful supply of wetground material in Missouri to meet all current requirements. Tone steady.

China Clay.—Continues in moderate demand. Market firm for both domestic and imported kaolin.

Diatomaceous Earth.—Moving steadily into consuming channels. Market stable.

Mica.—Paint trade buying moderately of dryground, wetground and finely pulverized grades of scrap while prices continue well maintained.

Dry and Chemical Colors

Carbon Blacks.—Buying on a gigantic scale by the synthetic rubber tire makers continues to pull down stocks of channel blacks and furnace blacks to an extent that seemingly cannot be entirely offset by the increase in production of easy processing, medium processing, furnace and static blacks now under way and contemplated. Hence, with a deficit in these blacks confronting the industry, it is deemed increasingly probable that some sort of allocation control may have to be resorted to, to conserve supplies, before the end of this year.

Chrome Colors.—The shortage in zinc chromate yellow and both green and yellow chrome colors is becoming more acute daily, but some hope is still being expressed that, unless there should be some further reduction in the production of bichromates during the Summer months, the supply situation may show at least moderate improvement this Fall.

Lacquer Materials

Acetone. — For the time being at least, supplies are available in quantities sufficient to render the market easier in that respect. Leading suppliers, however, are not sanguine that the betterment of supplies will continue; it is felt that the situation is subject to sudden change.

Butyl Acetate.—After a rather short period in which supplies had been reported more plentiful, the War Production Board on June 26 stated that July allocations for use as a lacquer solvent for civilian requirements will be reduced sharply. The cause was said to be sharply increased military and lend-lease demands. Protective coatings manufacturers were urged to buy from producers the full quantities allocated to them in the regular June and July interim allocations. The July allocations will draw on lacquer manufacturers' inventories. No interim or emergency allocations will be made in July except for urgent military purposes. June prices on the fermentation products were extended through July.

Cellulose Acetate.—Limited quantities can be allocated for an indeterminate period for use in conjunction with alkyd resins which are allocated under order M-139, according to a War Production Board notice dated June 26. This move was made necessary by the recent reduction in the permitted phthalic anhydride content of protective coatings. It is expected to restore

For current prices see alphabetical listing beginning on page 9.

successive batches are exactly alike when Imperial pigment colors are used . . . because *Imperial Colors are*

U N I F O R M

IMPERIAL PAPER AND COLOR CORPORATION

Pigment Color Division **GLENS FALLS, N. Y.**

The largest manufacturers of chemical pigment colors in America

Branch Offices and Warehouses:

Boston	Cleveland	Pittsburgh	Baltimore	Dallas
New York	Detroit	Seattle	San Francisco	Los Angeles
Philadelphia	Cincinnati	Chicago	St. Louis	Louisville

NEVILLE

Chemicals for the Nation's War Program

COUMARONE-INDENE RESINS
MODIFIED COUMARONE RESINS
PLASTICIZING OILS • RUBBER RECLAIMING OILS
RUBBER COMPOUNDING MATERIALS
DIBUTYL PHTHALATE • GUANADINE NITRATE
INSECTICIDES • TAR PAINTS • TOLLAC • NEVSOL
HI-FLASH SOLVENTS CRUDE COAL-TAR SOLVENTS
BENZOL • TOLUOL • XYLOL
WIRE ENAMEL THINNERS
NEUTRAL, CREOSOTE, AND SHINGLE STAIN OILS

A-13

THE NEVILLE COMPANY
PITTSBURGH • PA.

properties impaired by said reduction. Requests for allocation of ethyl cellulose, governed by order M-175, should be submitted on form WPB-2945 and the end use description should read "For use in conjunction with alkyd resins allocated under order M-139.

Shellac

A keen demand and fairly sizable supplies obtained from the government stockpile have combined to enliven the market for shellac within the past week. There has been no amplification of the scanty stocks of lemon shade and other light-colored types, however, and none is expected until the end of the war, chiefly because of a lack of the material formerly generally employed in producing these lighter shades in the country of origin, which presumably cannot be relieved until it is again obtainable there in sizable quantities. Meanwhile, although it is possible for the native processors to work some of the now available sticklac into lighter hued products, they are not being counted upon to do so in any considerable quantities, and consumers in the United States and elsewhere will have to content themselves with the reddish orange types which are in much more liberal supply here.

February exports of shellac from Calcutta were as follows:—

	Packages		
	1944	1943	1942
Orange	36,519	14,886	70,415
Garnet	650	850	1,450
Button	1,661	133	2,075
Seedlac	5,722	645	38,335
Totals	44,552	16,514	112,875

Arrivals of 503 packages of shellac, 255 packages of button lac and 540 packages of seedlac have been noted.

Naval Stores

Overshadowing in importance all other developments in the naval stores market has been the announcement by the Office of Price Administration that it had brought all sales of gum rosin under price ceilings, spelled out in dollars and cents per 100 pounds, with the issuance of a temporary, sixty-day regulation, designated as No. 36 and effective June 28, which has been designed to halt the rapidly rising prices of this commodity, and which is to be replaced at a later date by a permanent regulation. Although the new maximum prices fixed for the thirteen grades of gum rosin quoted on the Savannah Cotton and Naval Stores Exchange have shown little change from those prevailing on the day before their establishment, there have been upward revisions of a cent in the WG and of 10 cents in the D grades and downward revisions of 10 cents in H and of 15 cents in G, with the nine other grades left at levels reached on the preceding day.

Turpentine.—In marked contrast with the withholding tactics of farmers in the rosin market, offerings of turpentine have been fairly liberal within the past week. With weather conditions favoring the gathering of a siable quantity and with inadequacy of manpower the only brake on production, some weakness has developed, declines of a quarter cent each occurring on the first and fourth days of week's trading on the Savan-

DIRECT IMPORTERS AND EXPORTERS
CONSIDER IN YOUR PRODUCTION
SHELLAC
ORANGE • BLEACHED • DEWAXED • A and R FREE
OUR PRICES ARE ALWAYS COMPETITIVE
Consult SCHWAB BROTHERS CORP.
102 MAIDEN LANE, NEW YORK 5, N. Y.
CHICAGO AGENT: JAS. H. FURMAN CO., 310 SOUTH MICHIGAN AVENUE, CHICAGO 4, ILLINOIS

STEARATES
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• PHILADELPHIA
• DALLAS
• BOSTON
• SHAWNEE, OKLA.
• LOS ANGELES
• SAN FRANCISCO
• OAKLAND
• SEATTLE
• PORTLAND, ORE.
ZINC STEARATE
BARIUM STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

VANADISET
TRADE MARK REGISTERED
Plastic Resin
MOLDING COMPOUNDS
VARNISHES
LACQUERS
A Product of
WILSON CARBON COMPANY
60 EAST 42nd ST., NEW YORK CITY

MINERAL PIGMENTS
Meeting Specifications of the Army, Navy, Maritime Commission, Federal Specifications Board, Panama Canal, and other Government Agencies.
For Protective Coatings, Camouflage, and other essential requirements of the Victory Program.
C. K. WILLIAMS & CO.
EASTON, PA.

KRUMBHAAR CHEMICALS, INC.
Dr. William Krumbhaar, President — SOUTH KEARNY, N. J.
Makers of Finest Synthetic Resins

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York 20, N. Y.
Office: 3001 West 47th Street, Chicago, Ill. — Factory: Savannah, Ga.

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

TINTING BLUE
A Cobalt blue that gives a blue white tinge to high temperature white enamels
CERAMIC COLOR AND CHEMICAL MFG. CO.
1000 13th Street — New Brighton, Pa.

TURNER
Chemicals
BROMIDES
SODIUM POTASSIUM
AMMONIUM
JOSEPH TURNER & CO.
RIDGEFIELD, NEW JERSEY
83 Exchange Place, Providence, R. I.
40th St. & Calumet Ave., Chicago 15, Ill.

STANDARD
"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"
You Can Use
ISOPROPYL ALCOHOL
SUPPLIES AVAILABLE
Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.
Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.
STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

nah exchange, with the price there hovering below 77 cents per gallon. At the close it had reached 76½c.

Savannah, June 30.—Following is a record of the turpentine market for the week:—

	Bulk gallons— Cents.	Sales.	Barrels— Receipts.	Shipments.	On hand.
Monday ..	77¼	5,050	78	191	33,525
Tuesday ..	77	5,200	98	170	33,453
Wednesday.	77	2,100	63	2	32,514
Thursday..	76¾	3,500	109	187	33,439
Friday ...	76½	3,550	77	...	33,513

Chicago, June 30.—Call for turpentine is on a fairly extensive basis, with a liberal amount of material moving where it is possible for buyers to locate it. Ruling prices are:—Five-drum lots, 90c. per gallon; five wood barrels, 95c.; single drums, 93c.; single barrels, 98c.

Rosin.—Following a further general advance of prices for virtually all grades of gum rosin on the Savannah exchange early in the week, there came the announcement of the OPA's action in fixing price ceilings for a sixty-day period, to be superseded by permanent maximum prices at a later date. According to OPA, this action became necessary when uncontrolled prices had risen to points reflected in higher production costs for finished articles in which the rosin is used as raw material and thereby caused a "squeeze" on the established ceiling prices of these finished products. The OPA ceilings effective June 28, are:—B grade, $5.10; D, $5.20; E, $5.65; F, $5.70; G, $5.75; H, $5.80; I, $5.90; K, $6.05; M, $6.10; N, $6.20; WG, $6.31; WW, $6.50, and X, $6.50. For sales not made on the Savannah exchange, the exchange prices are used as a base, with adjustments according to the seller's differentials from those prices during the period June 23 to June 27, inclusive, these being the five days prior to the issuance of OPA's regulation. At the close, a flood of offerings sent the market down 10c. to 30c., affecting all grades.

Pine Tar.—War Food Administration's Office of Distribution reports having sold a lot of kiln pine tar, designated as Lot 398, packed in drums, to a pine products company in Alexandria, La., at 2.6 cents per pound.

Savannah, June 30.—Following is a record of the rosin market for the week:—

	Price per unit— Low of range quoted Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.10	$5.10	$5.10	$5.10	$4.95
D	5.20	5.10	5.10	5.10	5.00
E	5.65	5.55	5.65	5.65	5.55
F	5.75	5.70	5.70	5.70	5.60
G	5.90	5.90	5.90	5.90	5.62
H	5.90	5.90	5.90	5.90	5.60
I	5.90	5.90	5.90	5.90	5.60
K	6.05	6.05	6.05	6.05	5.75
M	6.10	6.10	6.10	6.10	5.80
N	6.20	6.20	6.20	6.20	5.90
WG	6.30	6.30	6.30	6.30	6.10
WW	6.50	6.50	6.50	6.50	6.35
X	6.50	6.50	6.50	6.50	6.35
	—Barrels—				
Sales	246	579	...	...	203
Receipts ..	274	441	307	117	283
Shipments..	...	210	296	300	332
Stocks	13,402	13,633	13,544	13,361	13,313

Driers and Flatteners

Recent action by the Chemicals Bureau of the War Production Board in paring down allocations of naphthenates to civilian users to meger proportions, when not denying their application in toto, has induced a large and constantly increasing number of non-military use consumers to turn with greater avidity than heretofore to the tallates. Hence, the latter driers are now by far the most active in the list, with soyates among the tailenders in point of popularity.

The entire market for flatteners and jellifiers appears to be built about stearates which continue moving briskly into consuming channels in the paint and varnish trade. Laurates are still in limited inquiry, moving slowly and in light volume.

Synthetic Resins

Aside from a steadily growing movement of ester gum and WPB's recent action in letting down restrictions formerly imposed on all civilian uses of phenolic resins, to the extent that it is now allocating a limited supply of these resins for general maintenance paints, including those designed for protective coatings for trucks, railroads and factory machinery, there have been no developments of late tending to encourage and amplify procurement of synthetic resins by essential and other civilian consumers on a sizable scale.

A list of synthetic resins is published in this issue of OPD, under Current Market Prices, beginning on page 32.

WPB's Regional Redistribution Division is offering 890 pounds of ester gum.

Varnish Gums

Asphaltum.—An unabated demand for manjak and a steady movement of gilsonite and petroleum-base gums constitute the principal features of the market for asphaltums. Prices are holding firmly throughout the list.

Copal.—Arrivals of an aggregate of 5,598 bags of Congo copal have failed to relieve the growing tension in the local supply situation for this natural resin, as virtually all of this material has long since been spoken for and is going immediately into the hands of consumers, without in any way helping to replenish the greatly depleted stocks here.

—*Continued on page 66*

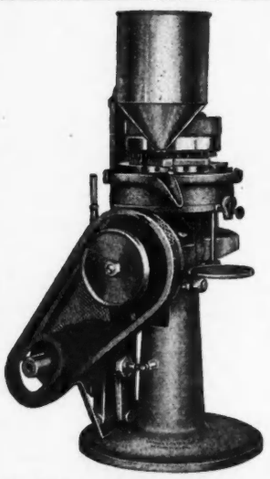
IRON OXIDE PIGMENTS
SYNTHETIC
NATURAL

Meeting Specifications of
ARMY ★ NAVY
MARITIME COMMISSION
FEDERAL SPECIFICATIONS BOARD
and other GOVERNMENT AGENCIES
REICHARD-COULSTON, Inc.
15 EAST 26TH STREET NEW YORK CITY

SICO

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA



New Series — 200-25 Tablet Press
Send for Circular
ARTHUR COLTON CO.
2624 East Jefferson Detroit 7, Mich.

Shawnee
DRY COLORS
Color Content Guaranteed

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

GILSONITE
The unique Asphalt of many uses
CLEAN AND UNIFORM
BOTH HIGH AND LOW MELTING POINT TYPES
Prompt shipment in carloads from Craig, Colorado
Warehouses for less than carload shipments located at convenient points
BARBER ASPHALT CORPORATION
BARBER, NEW JERSEY

TRICRESYL PHOSPHATE
SALES SUBJECT TO W. P. B. ALLOCATION
One thousand pounds per month can be purchased without specific approval from the W. P. B. in accordance with Order M-183.
Selling Agents
R. W. GREEFF & CO.
10 Rockefeller Plaza, New York 20, N. Y.
Tribune Tower Chicago 11, Ill.
MONTROSE CHEMICAL CO.
LISTER AVENUE NEWARK, N. J.

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND (*distilled*)
STAR BRAND (*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
Commerce Building,
155 East 44th St., New York City
Branches and stock in all large cities

Wm. Diehl & Co.
CANDELILLA WAX
CARNAUBA WAX
High M. P. Substitute
OURICURY WAX
SHELLAC Orange Bleached
332 W. 42nd St., New York 18, N.Y.
Phone: BRyant 9-5211

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal
and
Vegetable
RUFATS
(Hydrogenated Fatty Acids)
WILSON & CO. INC.
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

Stearic Acid Oleic Acid Fatty Acids
(RED OIL)
A. GROSS & CO., 295 Madison Avenue, New York, N. Y.
ESTABLISHED 1837 FACTORY: NEWARK, N. J.
ASHLAND 4-8251 CABLE: GROSSRAY

UNITOL "R" THE REFINED TALL OIL
(Fatty and Rosin Acids)
AVAILABLE ECONOMICAL VERSATILE
Write for sample, analysis, and price
UNION BAG & PAPER CORPORATION
By-Products Department
2166 WOOLWORTH BLDG., NEW YORK 7, N.Y.

W. C. HARDESTY CO.
41 EAST 42nd STREET · NEW YORK 17, N.Y.
RED OIL STEARIC ACID
Saponified — Distilled
HYDROGENATED FATTY ACIDS
(HYDREX)
Cottonseed Oil Fatty Acids
Palm Oil Fatty Acids
Corn Oil Fatty Acids
Specialty Fatty Acids
Glycerine — Pitch — White Oleine
FACTORIES
DOVER, OHIO · LOS ANGELES, CALIF. · TORONTO, CANADA

Oils, Fats, and Waxes

Further strength in edible fats featured the market during the week. Buyers advanced bids for prime steamed lard and rendered pork fat with sales transacted at an advance of ½c. per pound for lard and ¼c. per pound for pork fat. The bulk of the business was transacted loose in Chicago. However, the lower grades of inedible grades of tallow and grease became easier under increased producers inventories and lack of demand, while the higher grades were firm at ceilings and in active request. Vegetable oils continued in a firm position both consumers absorbing good sized quantities on allocation. New business was limited to actual needs, with prices maintained at ceilings.

The War Food Administration has authorized the use of 10,936 tank cars (60,000-pound capacity) of edible oils—cottonseed, peanut, soybean and corn—by refiners and shortening and margarine manufacturers during July, August and September. The new quarterly allocation includes 4,390 tankcars of cottonseed oil; 492 tankcars of peanut oil; 5,201 tank cars of soybean oil; and 853 tankcars of corn oil.

The estimated combined 1944 spring and fall pig crop will total 87,925,000 head, about 28 percent below 1943 and 16 percent below 1942, but larger than in any other year on record was announced by the Department of Agriculture.

Vegetable Oils

Coconut.—Production of coconut oil in Ceylon for the current year is expected to be about 80,000 tons or some 10,000 less than preliminary estimates.

Oiticica.—Limited quantities on the spot were in slow demand. Prices were unchanged and firm. Replacements from Brazil are expected to arrive in several weeks.

Palm.—Arrivals totaling 1,250 tons were noted.

Soybean.—Edible oil continued in good request. Crude also was steady at ceilings.

Memphis, June 30.—Crude cottonseed oil scarce with few scattered sales taking place at ceilings. Weather continues favorable to cotton crop, which is coming along nicely in this section.

Atlanta, June 28.—Cotton crop is thriving on higher than normal temperatures. Thunder showers are reported helping out quite generally to supply the needed moisture. Peanuts need more rainfall.

Los Angeles, June 27.—Market as a whole remains firm with generally no particular new features involved during the past week.

Flaxseed

Increased flaxseed receipts for immediate delivery were taken by crushers at ceilings.

Minneapolis, June 28.—Receipts during the week ending June 27 were the heaviest in some time. Crushers were aggressive buyers. Heavier receipts were due to the fact that crop loans mature at the end of this month and farmers wanted to liquidate. Another factor was that a lot of flax held back for seed was not used and shipped to market.

Local public elevators increased 25,000 bushels in four days compared with an increase of 20,000 bushels during the same period of time a year ago.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	325,500	127,500	21,000	9,000
Since Sept. 1	20,874,500	16,056,500	3,066,000	1,714,500

The week's closing flaxseed price range was as follows:—

	Cash	Sept.
Saturday	$3.05	$3.04½
Monday	3.05	3.04½
Tuesday	3.05	3.04½
Wednesday	3.05	3.04½
Thursday	3.05	3.04
Friday	3.05	3.04

Buenos Aires, June 30.—The Grain Board withdrawal of flaxseed offers for shipment still in effect. Flaxseed shipments during the week were 173,000 bushels to the United Kingdom, and other destinations, 12,000 bushels. Visible supply was estimated at 8,465,000 bushels. Flaxseed for export nominal at $1.90¼; Rosario, $1.81⅛ per bushel.

Hull, June 30.—Bombay, June, £33; Calcutta (no quotations); La Plata, June, £22½ per ton. London crude oil was advanced £2 to £62 per ton, works.

Market Trends

Prices Advanced

Lard, ½c. per lb.
Rendered pork fat, ¼c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
195.1	194.6	194.3	194.6

Linseed Meal

Offerings for forward shipment have increased. Trading continued in prompt delivery, though good inquiry was noted in futures.

Minneapolis, June 28.—Market for linseed meal has narrowed perceptibly but remains broad enough to absorb readily all of the offerings the crushers care to make. They have been more willing to sell for forward shipment of late because of an unexpectedly liberal run of flaxseed from the country.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	12,180,000	7,320,000
Since Sept. 1	472,524,700	448,180,000

Linseed Oil

Activity in linseed oil was limited with further sales of occasional tankcars and tankwagons noted at 14.4c. per pound, although the open quotation was still 14.7c. However, smaller quantities were firmly maintained at asking prices. Consumers continued to absorb sizable lots on contracts. Demand for replacement oil continued active, with the bulk of sales for less than car lots.

Moderate temperatures throughout the Northwest combined with heavy rainfall resulted in further improvement of the flaxseed crop.

Minneapolis, June 28.—Government buying of oil again is in the offing as notices were sent out over the weekend. Several weeks ago 48,000,000 pounds was taken by government agencies and shipping instructions on this total are good.

Interest in new crop oil is increasing and some sales have been made for shipment up to the end of December.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	7,806,000	6,480,000
Since Sept. 1	288,658,000	110,970,000

Los Angeles, June 29.—Market firm with brisk shipments reported. Harvesting has made favorable progress in the San Joaquin Valley with increasing receipts at local crushers. Oil quoted 14.3c. per pound in tankcars.

Chicago, June 29.—Trade in linseed oil is quiet. Most business is along lines dictated by covering of immediate needs.

Cottonseed Oil

Refined oil futures were stronger during the week with sales of two contracts of March oil at 13.65c. per pound, loose, an advance of 90 points from the season's low point. Trading interest in futures has practically disappeared with the above sales representing profit taking. All grades of refined oil were firm and moving in steady volume into consumption. Crude oil offerings continued scarce and were limited to an occasional tankcar.

Reports from the cotton belt state the crop thriving under high temperatures, with thunder showers supplying needed moisture. Further advances took place in the lard market due to an active demand, with sales of prime steamed lard noted at 11c. per pound, loose, Chicago, as compared with 9c. per pound, same basis, several weeks ago. Rendered pork fat also was higher and sold at 10¾c. per pound, loose, same basis.

Because lard is continuing in good supply, the War Food Administration has amended War Food Order 1 to permit commercial bakers to use without limitation lard or rendered pork fat delivered to and accepted by bakers during the period from May 15 to September 30, 1944, both inclusive. The current period ended June 30, 1944.

Prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
July	....	....	14.31 nom.
September	....	....	14.00 nom.
October	....	....	13.75 nom.
December	....	....	13.50 nom.
March, 1945	13.65	13.65	13.60-13.95
May	....	....	13.65-13.95

Total sales, 2.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12c. (all ceiling prices).

For current prices see alphabetical listing beginning on page 9.

Chicago, June 29.—Further buying has been fairly good, with prices firm. Refined, edible oil, 16¼c. to 16½c. per pound, drums, car lots; 16¾c. to 17c., drums, less than car lots.

Fatty Acids

Quiet conditions prevailed in this market. Prices were steady. Trading was light and spotty.

Chicago, June 29.—Tone continues firm in fatty acids on comparatively good volume of business. Orders indicate considerable buyer interest.

Cake and Meal

An active call continued for immediate and prompt deliveries, while forward positions attracted less attention. Arrivals of 22,000 bags of cottonseed meal were noted.

Fats and Greases

Grease. — Accumulation of low grades has again created an easier tone in these varieties, while high-grade material continued in good call and sold at ceilings.

Tallow.—The same conditions prevailed as in grease. Better grades of tallow were in demand with low attracting little interest and developed an easier tone.

Chicago, June 29. — Business is still quiet. Buying largely is to take care of immediate requirements. A white grease, 8¾c. per pound; stearin, 10.61c.; inedible tallow, prime, 8⅝c.

Fish Oils

Cod Oil.—Trading quiet. Stocks on spot and firmly held.

Menhaden.—Small lots in fair request. Prices held at ceiling.

Baltimore, June 28.—Until May 1 a big consumer, with others, were stopped from using menhaden oil for certain purposes. Then the government revoked the prohibition. But the consumer, who had been holding accumulations in his storage houses, balked and announced that he could use lard just as well, with the advantage that lard was cheaper than menhaden oil, the ceiling being 8¼c. per pound against the ceiling of 8.9c. per pound for oil with freight from the point of shipment added. Since then the consumer has made it known that he is out of the oil market, so that a distributor who offered a supply at Wildwood, N. J., found himself without a taker. Meanwhile the big stocks held in storage tanks in New Jersey are also without any buyer willing to take them over, and the trade is at a standstill. According to information from Reedville, Va., the five menhaden fishing companies which started operations in the Chesapeake Bay and outside of the Virginia capes in May booked orders for two tanks each of new oil and then decided to wait awhile for further developments before assuming further commitments on a when-and-if-made basis.

Sardine.—Production of California sardine oil for four months (January-April, 1944) totaled 1,266,674 gallons, as compared with 1,306,707 gallons during the same period last year.

Los Angeles, June 28.—Trading continues slow in new season crude sardine oil, with some activity reported on futures at the 66.75c. per gallon tankcar ceiling, f.o.b. production point.

Animal Oils

Degras. — Limited supplies were closely held at current prices.

Neatsfoot.—Quiet demand continued for all grades. Available supplies were more liberal.

Chicago, June 28.—A somewhat better tone is noted in the animal oils market here. Lard oil, No. 1, 14¼c. per pound; oleo oil, No. 1, 13¾c.; tallow oil, acidless, 13¾c., tankcars.

Waxes

By reason of an amendment to the War Production Board M-63 order, carnauba, ouricury, and bees waxes have been removed from list No. 3 of that order. The order was amended June 22 and reports last week were to the effect that removal of waxes from import control were in effect on June 29. The effect of this change in the import position of these waxes was to return to uncontrolled imports. Anyone caring to import may do so, and about the only control left over supplies seems to be that which may be exercised by the War Shipping Board. The order, however, failed to affect the price control established on all waxes, and those desiring to import may not pay more than the purchase price ceilings now in effect.

Fats, Oils Allocation

—Continued from page 5

current needs for all permitted uses. Permitted uses of tung oil were listed in an announcement on April 22, 1944, and the permitted uses of wool fat include all uses except for the manufactures of cosmetics. A special allocation of refined wool fat (lanolin) will be made early in July for delivery to cosmetic manufacturers during July and August. Edible oils are allocated on a quarterly basis; and industrial oils on a monthly basis.

Bonnell Made President Of American Paint Corp.

R. H. Bonnell, formerly of the A. C. Horn Company, paint and varnish manufacturer, Long Island City, is now president of the American Paint Corporation, Duluth, Minn., having purchased controlling interest.

Mestern Joins Paulsboro Co.

Dr. H. Edward Mestern has joined the Paulsboro Manufacturing Company, Paulsboro, N. J., after having been chief chemist and general manager for the Willard Paste & Glue Company, Brooklyn.

OT Quality Brand WAXES

DOMESTIC
OZOKERITE
Uniform . . . dependable . . . with excellent oil retention values
DISTRIBUTING AND TRADING CO.
444 MADISON AVE. · NEW YORK

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-7 Syracuse, N.Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

THE BRODE CORPORATION
MEMPHIS, TENNESSEE
Domestic and Export
PRODUCTS OF COTTONSEED, PEANUTS, SOYBEANS and GROUND GRAINS
Members: Memphis Merchants Exchange, Chicago Board of Trade, Grain and Feed Dealers National Association, American Feed Manufacturers Association, Inc., National Cottonseed Products Association
Codes: Yopps Robinsons, Bentleys ABC, 5th Edition Peerless

AMCON
AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F.
COLOR: DARK AMBER
PETROLEUM SULPHONATES
AMCON TRADING CORPORATION
29 BROADWAY NEW YORK 6, N. Y.

Prompt Delivery— Drums, Barrels Or Tank Cars
TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG CO.
Bridesburg P. O. Philadelphia, Pa.

DARLING'S
PEARL-STEARIC

A FREE-FLOWING STEARIC ACID IN BEAD FORM
•
Measures, Weighs, Mixes and Melts Quickly
Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding
DARLING & COMPANY Manufacturers
4203 South Ashland Avenue · Chicago

ROSBY
THE MARK OF QUALITY
PINENE
PINE OILS
DIPENTENE
B WOOD RESIN
FF WOOD ROSIN
ALPHA TERPINEOL
TERPENE SOLVENTS
PALE WOOD ROSINS
(All grades from I to X)
LIMED WOOD ROSINS
RESINOUS CORE BINDER
STEAM DISTILLED WOOD TURPENTINE
CROSBY NAVAL STORES, Inc.
PICAYUNE, MISSISSIPPI

Tribute to *measured purity*

Their faces glow. Their eyes are bright. Their health is better today than ever before.

Credit is due to modern medical advances, modern diets — and to the research work of leading pharmaceutical houses.

From pharmaceutical laboratories come countless products which contribute to better health—from babyhood to old age.

Many of these products *started with a fine chemical, or several fine chemicals, of exacting purity.*

And the purity of the fine chemical assured the quality and the *success* of the product.

At Baker, it is always *measured purity* in fine chemicals — meas ured to exacting standards.

Leading pharmaceutical houses rely upon Baker. They know that Baker's purity by the ton in fine chemicals is the result of unique control methods and ceaseless testing. They know that, at Baker, "there is no compromise with quality."

J. T. Baker Chemical Co., ***Executive Offices and Plant:*** **Phillipsburg, N. J.**
Branch Offices: **New York, Philadelphia and Chicago**

For Victory Buy United States War Savings Bonds and Stamps

Baker's fine chemicals

Drugs and Fine Chemicals

The drug and fine chemical market was lacking in new price movements during the past week. The stability that prevailed was broad and fundamental, being based on excellent consumption of most merchandise and effective control of upper price limits through the media of either dollars and cents price ceilings or the General Maximum Price Regulation.

Producers of butyl acetate and butyl alcohol by the fermentation process reported that prices for July business will be those at which June business was written. This was in keeping with price stability in raw material. However, a sharp reversal of supposed trend in the matter of supply caused the War Production Board on June 26 to notify consumers that July allocations for those materials as used in lacquer solvents for civilian requirements would be reduced severly because of increased military and lend-lease demands. Makers of protective coatings were advised to buy the full quantities allocated them in June and June interim allocations. No interim or emergency allocations will be made in July except for urgent military purposes. WPB also announced a 20 percent rise in penicillin quotas of hospital depots, and allotment of a billion units for other American republics. It also said that a scheme for world-wide distribution of United States production was in the making.

Figures issued by the Bureau of the Census and covering production in April and stocks in hand at the end of that month showed a somewhat mixed trend. In acetanilide, production was 55,899 pounds less, but stocks were 180,078 pounds more; acid, acetylsalicylic, production 53,856 pounds less and stocks 233,926 pounds less; acid, lactic, edible, production 76,847 pounds more, and stocks 26,357 pounds less; butyl acetate, production 1,677,874 pounds less, and stocks 548,382 pounds more; ethyl acetate, production 2,500,624 pounds less, and stocks 706,633 pounds less; methanol, natural, production 22,047 gallons less, and stocks 52,660 gallons more; methanol, synthetic, production 50,000 gallons more, and stocks 1,179,000 more; riboflavin, production 3,369 pounds less, and stocks 4,255 pounds more; sulpha drugs, production 109,908 pounds less, and stocks 137,354 pounds more.

Acetanilide. — Production in April totaled 643,396 pounds and stocks at the end of that month totaled 917,388 pounds. The supply was larger than at the end of March.

Acid, Acetylsalicylic.—April production totaled 676,095 pounds and stocks in hand at the end of April were 596,025 pounds, slightly smaller than at the end of March.

Acid, Lactic.—The output of edible acid in April totaled 381,579 pounds and stocks at the end of the month were 307,900 pounds, a decrease from the supply reported as in hand at the end of March.

Butyl Acetate. — Increased military and lend-lease demands has caused the War Production Board to state that July allocations for use in lacquer solvents for civilian requirements will be reduced sharply. Protective coating manufacturers are urged to buy the full quantities allocated to them in the June and June interim allocations. There will be no interim or emergency allocations in July except for military purposes. June prices on the fermentation item were extended through July. Production in April, according to the Bureau of the Census, 6,235,207 pounds, a decrease from March totals; stocks, 3,145,099 pounds, a gain over end of March stocks.

Butyl Alcohol.—A sharp reduction in July allocations has been ordered for this material to be used in lacquer solvents for civilian requirements. Increased military and lend-lease demand is the cause. No interim or emergency allocations will be made in July except for military purposes. June prices on the fermentation item have been extended through July.

Calcium Glutamate.—Scarcity continued unchecked and demand outruns supply. The result is a black market in which prices far in excess of producers' ceilings are being obtained despite every effort being made to prevent material from reaching the blackhanders.

Castor Oil. — Bean stocks gained 3,337,950 pounds. Total renewals since January 1 stand at 138,649,140 pounds, comparing with 139,394,500 pounds during the corresponding period last year. Plenty of oil is available since ample stocks of raw material are at the disposal of the producers. The market was well stabilized.

Chicago, June 27.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c.; drums, less than car lots, 15c.; tanks, 13½c.

Codliver Oil. — Current activity is described as moderate. Buyers show some reserve in placing large contracts, cutting the size of their inquiries to fit what to them seems to be the possibility of an improved international situation which they expect will begin to form once Norwegian producers are freed from German control. Sellers, however, seem to feel that declines in prices will come rather slowly and only after the first rush of world buying has passed and the trade has traveled a fair distance along the road to normal distribution. Naturally, recent war events tend to turn thinking to the possibility of an early liberation of the Norwegian fisheries and oil producers—possibly as early as next Spring. Such a development, however, is very much in the lap of the Gods who seem now to smile on the Allied cause.

Ethyl Acetate. — April production was 7,675,579 pounds and stocks in hand at the end of that month totaled 5,323,248 pounds, which was a decrease from stocks reported at the end of March.

Fishliver Oils. — Supplies continued tight and seem destined so to remain unless a sharp change in the production angle can be effected. The Bahama Islands are being canvassed as a source of shark livers mainly in the Carribean Sea. A recent investigation at Nassau was made to investigate the possibility of establishing fisheries and extracting plants. Reports indicate that four factories are producing vitamin fishliver oils in the Union of South Africa. Livers of stockfish alone are reported to be a potential source of 30,000 to 40,000 gallons of oil, which in terms of vitamin A is claimed will equal 30,000 to 40,000 gallons of medicinal codliver oil.

San Francisco, June 28.—The fishliver oil market continues quiet with some future trading at the prevailing ceiling. The trade expects a modification of WFO order No. 60 by July 1.

Glycerin. — Plentiful stocks of glycerin are in hand and at present everything points to the probability that there will be plenty of material

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

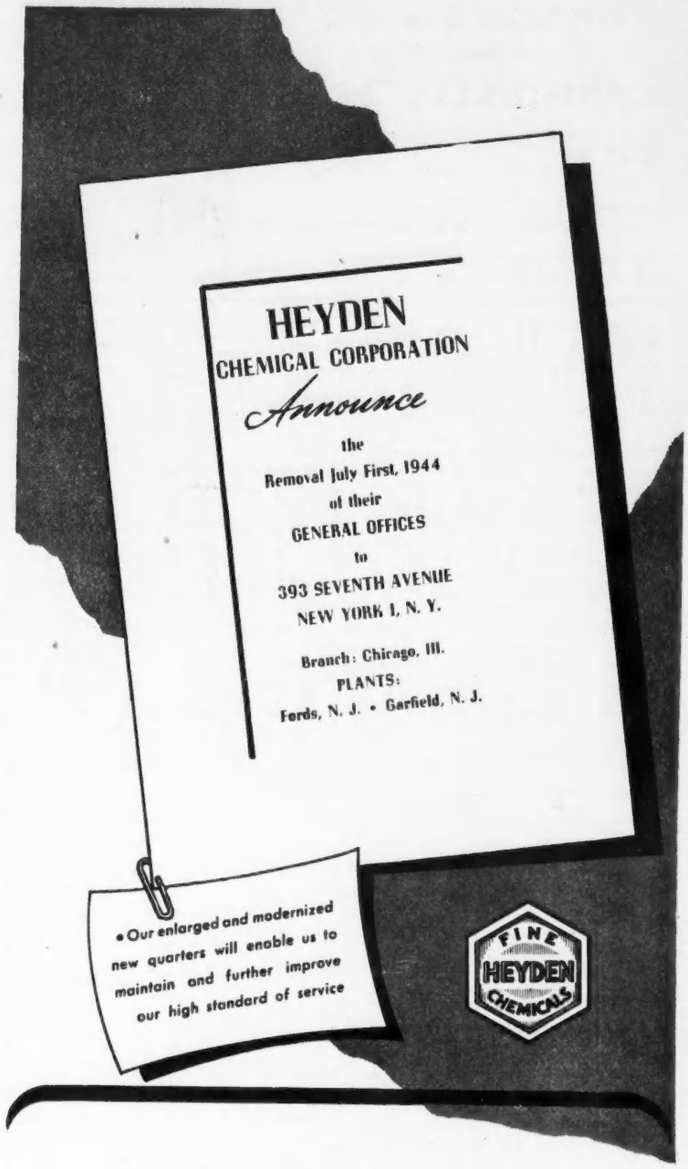
Last week.	Prev. week.	Last month.	Last year.
239.2	239.2	240.6	241.0

Brazil to Have Export Citric Acid Surplus

OPD Washington Bureau

A new establishment for the production of citric acid crystals in Brazil is expected to have a daily capacity of about 2,200 pounds, according to the Department of Commerce. Marets for the surplus will be sought in South America and other regions. Brazil's large sugar producing capacity and its fruit yield are capable of furnishing raw materials for greatly expanded production of citric acid.

For current prices see alphabetical listing beginning on page 9.



BENZALDEHYDE

N. F. (F. F. C.) AND TECHNICAL GRADES

BENZYL CHLORIDE

BENZOIC ACID

FORMALDEHYDE

PARAFORMALDEHYDE

PENTAERYTHRITOL

METHYL SALICYLATE

SALICYLIC ACID

HEXAMETHYLENETETRAMINE

Write for current products list

•

BACK THE INVASION WITH YOUR PURCHASE OF WAR BONDS

Buy MORE than ever before!

HEYDEN

Chemical Corporation

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums, cans and glass
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
Commerce Building, 155 E. 44th St., New York City

DIMETHYL PHTHALATE
MANUFACTURING CHEMISTS
FRIES & FRIES INC CINCINNATI U.S.A.
1540 BREWSTER AVE. CINCINNATI
13 EAST 37th STREET NEW YORK 16

VITAMIN PRODUCTS
FISH LIVER OILS—CONCENTRATES
THE ATLANTIC COAST FISHERIES COMPANY
111 JOHN STREET, NEW YORK, N.Y.

RESORCIN
CATECHOL
PENNSYLVANIA COAL PRODUCTS COMPANY
PETROLIA, PENNSYLVANIA

BPC
BENZOL PRODUCTS COMPANY
237 SOUTH STREET, NEWARK, N. J.
MANUFACTURERS OF FINE CHEMICALS
Ethyl Cyanoacetate

available for export once victory perches on the banners of the Allies. Refiners are counting considerably on an export market when the postwar period begins. While it is realized that many foreign points will need glycerin —Russia alone should be a huge market, it is said—there still remains the problem of how the foreign buyers will pay for any purchases they may make. Because operations resulting in the recovery of glycerin are now on a basis where satisfactory quantities are being obtained, the War Food Administration has revoked order No. 33 which prescribed standards for recovering it from fats and oils split into fatty acids or made into soap. Revocation will make it unnecessary for soap and fatty acid manufacturers to file quarterly reports with WFA.

Chicago, June 28.—Glycerin supplies are at high levels. Prices for both chemically pure and high gravity are:—Tank-car, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Methanol.—Figures on production and stocks, as compiled by the Bureau of the Census and covering the month of April, are as follows:—

	Gallons	
	Production	Stocks
Methanol, natural.....	340,614	310,035
synthetic 6,329,000		7,128,000

April production of natural methanol declined from March figures, but that of synthetic material showed a gain. Total production since January 1 is:—Natural, 1,423,200 gallons; synthetic, 24,016,000 gallons.

Milk Powder.—Temporary shortage of new barrels has caused the War Food Administration to order manufacturers to set aside for war uses only 50 percent of their June production of spray process powder, and 35 percent of their roller process output. In July, the setaside requirements will return to 75 percent of spray process and 50 percent of roller process as it is expected that supplies of barrels specified for export business will be sufficient early in July. The shortage in barrels is due to a protracted rainy season in the South where wood for staves is obtained.

Opium.—The senate voted its approval June 22 of H. J. Res. 241 requesting the President to urge upon those countries which cultivate the poppy plant, the necessity of immediately limiting production of opium to the amounts required for strictly medicinal and scientific purposes. The measure was approved to the White House for the President's signature.

Penicillin.—War Production Board announced approval of a 20 percent increase in monthly quotas for the 2,000 American depot hospitals. The July quota will reach 15,000,000,000 units. Arrangements to export 1,000,000,000 units to other Americans were reported made for June. Worldwide but restricted distribution for civilian use is being planned.

Quicksilver.—Prices stiffened when the spot market went down to $98 to $103 per flask, the result of continued trend toward closing in production. Activity locally was under wraps with buyers showing disposition to go slow.

San Francisco, June 28.—Quicksilver price maintained at $95 per flask. The expected decrease in production has materialized, reducing stocks and strengthening sales.

Riboflavin.—April production totaled 8,982 pounds and stocks in hand at the end of that month totaled 1,606,436 pounds. The stock showed a gain over March figures.

Sulpha Drugs.—Production in April was 520,867 pounds. Stocks reported at the end of April totaled 1,606,436 pounds, an increase over March totals.

Winthrop Chemical Marks Twenty-Five Years

Winthrop Chemical Company informally marked its twenty-fifth anniversary at a dinner at the DeWitt Clinton hotel, Albany, N. Y., presided over by Dr. Theodore G. Klumpp, president. More than 125 attended the affair, including officials from New York headquarters and from the Rensselaer research laboratories and manufacturing plant, as well as divisional managers from twelve major cities of the United States and Canada. Winthrop was awarded a white star in March of this year to the Army-Navy E flag in recognition of continued "meritorious service on the production front."

Trade Briefs

American Molasses Company, New York, has increased its capital from $3,500,000 to $4,000,000.

Abbott Laboratories, pharmaceutical manufacturer, Chicago, has appointed Frank J. Cole to direct an expanding safety program.

LAMON CHEMICAL CORPORATION
Executive OFFICES: 551 FIFTH AVE., NEW YORK 17, N. Y. MUrray Hill 2-3753
Manufacturers of
CACODYLATES
CAMPHOSULFONATES
ARRHENAL
ACETYL TANNIC ACID (syn. Tannigen)
ALBUMIN TANNATE (syn. Tannalbin)
HELMITOL
MAGNESIUM THIOSULFATE
METHYL ACETANILID (Exalgin)
NIKETHAMIDE (syn. Coramine)
MANUFACTURING CHEMISTS

BIOLOGICAL RAW PRODUCTS CO.
415 Lexington Ave. Phone MU 2-6361 New York 17, N. Y.
COD LIVER OIL { MEDICINAL U S P / NON-DESTEARINATED / STEARINE (SETTLINGS)
SPOT AND FUTURES

SEYDEL
BENZOCAINE U. S. P.
NEW DESCRIPTIVE LEAFLET NOW AVAILABLE
SEYDEL CHEMICAL COMPANY
Established 1904 JERSEY CITY 2, N. J. BErgen 3-7047

Carey EST. 1873
MAGNESIA
OXIDES AND CARBONATES—LIGHT AND HEAVY
FOR TECHNICAL AND DRUG USES
THE PHILIP CAREY MFG. CO., Cincinnati, Ohio
Branches in all principal cities
WM. S. GRAY & CO., Distributors, New York City

Buy War Bonds
ARMY E NAVY
BORAX AND BORIC ACID
TRONA MURIATE AND SULFATE OF POTASH
BROMINE — BROMIDES
AMERICAN POTASH & CHEMICAL CORP.
122 East 42nd Street - New York 17, N. Y.

LABORATORY REAGENTS
C&B
Inorganic and Organic Chemicals
Biological Stains : Solutions
Chemical Indicators : Test Papers
Write for copy of our catalog
The COLEMAN & BELL CO.
Manufacturing Chemists NORWOOD, OHIO, U.S.A.
COLEMAN & BELL

COME TO DPI FOR

vitamin E

for use in multi-vitamin products

● Vegol, our concentrate of Natural Mixed Tocopherols in oil, is uniformly high in potency. It is exceptionally bland and stable. It is the most economical known source of Vitamin E.

Get the facts about Vegol. Investigate the advantages of using this uniform concentrate of Natural Mixed Tocopherols.

DP INC

Distillation Products, Inc.
755 Ridge Road West, Rochester 13, New York

"Oil-Soluble-Vitamin Headquarters"

ALKALOIDS

GLUCOSIDES — DRUG EXTRACTIVES

As in WORLD WAR I

Now in WORLD WAR II

ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE

PICROTOXIN
U. S. P.

We can now offer this chemical for immediate shipment. Recent stocks of raw materials for PICROTOXIN manufacture arrived from INDIA, our first in over eighteen months.

We solicit your inquiries for spot or contract delivery over six months period.

INLAND ALKALOID COMPANY
MANUFACTURING CHEMISTS
TIPTON INDIANA U. S. A.

ORGANIC PEROXIDES

CATALYSTS FOR POLYMERIZATIONS
DRYING ACCELERATORS · OXIDATION
AGENTS · BLEACHING AGENTS

LUCIDOL®
(BENZOYL PEROXIDE)

LUPERCO®
(PEROXIDE COMPOUNDS)

ALPEROX® C
(TECHNICAL LAUROYL PEROXIDE)

SPECIAL ORGANIC PEROXIDES

® REGISTERED TRADEMARK

LUCIDOL CORPORATION
BUFFALO (5) N. Y.

R.W. Greeff & Co. Inc. RWG New York U.S.A.

INDUSTRIAL AND PHARMACEUTICAL *Chemicals*

VITAMIN A

Bland, stable concentrates suitable for all Pharmaceutical and Food Purposes; also Alcohol Solutions (Water Dispersible).

Subject to W. P. B. Allocation under Order M-373.

●

Sole Selling Agents for
COLLETT CORPORATION

R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA NEW YORK CITY
TRIBUNE TOWER CHICAGO, ILL.

PLYMOUTH STEARATES
ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc
59 Beekman Street, New York City
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

LEGHORN TRADING CO., Inc.
21 West Street Telephone WHitehall 3-9636-7-8 New York City
TARTARIC ACID
CREAM OF TARTAR
PURE IMPORTED EDIBLE OLIVE OILS RAPESEED OIL
OLIVE OIL FOOTS TEASEED OIL
RED OIL PALM OIL SESAME SEED OIL
Specialists in Finest California Edible Olive Oil

SODIUM ACETATE
TECHNICAL 60% AND ANHYDROUS GRADES
3 lbs. Anhydrous = 5 lbs. 60%
60% Sodium Acetate cools water on solution but Anhydrous grade will raise the temperature as it dissolves.
* * *
We also supply Technical Sodium Diacetate, 33-35% available acidity as Acetic Acid, and Anhydrous Sodium Diacetate, 39-41% available acidity
For further information write to
NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

RETORT PHARMACEUTICALS
Laboratory-Controlled
STEP-BY-STEP SUPERVISION
Assures UNVARYING QUALITY
YOU may rely with complete confidence on all Retort Pharmaceutical Products. For throughout their manufacture precision-inspection sets the standard. All Retort Products are definitely "laboratory-controlled".
DEVELOPED EXCLUSIVELY FOR THE WHOLESALE & MANUFACTURING TRADE
All Retort Pharmaceuticals are Laboratory-Controlled
A COMPLETE and COMPREHENSIVE LINE OF BOTH U. S. P. & N. F. PHARMACEUTICALS
Specialists in Gallon Goods and Ointments. All materials sold in Bulk or Packaged under Private Label at No Extra Charge.
IMMEDIATE DELIVERY
Ephedrine Solutions
•
Calamine Lotion N. F.
Write for Price List, Dept. O
RETORT PHARMACEUTICAL CO.
Pharmaceuticals & Laboratory Chemicals — Chemical Compounds — Drugs and Reagents
22-14—37th AVENUE, LONG ISLAND CITY, N. Y.

Penicillin International

—*Continued from page 7*

coming of greater importance, now that production has expanded to a point where the government can assure other countries that we shall be able to supply some of their needs. It was announced by the War Production Board June 28 that arrangements have been completed for the export of 1,000,000,000 Oxfort units of penicillin to other American republics on an allocation for the month of June.

It was announced also that the monthly quotas of penicillin to the depot hospitals in the United States are being increased 20 percent immediately to make available some 15,000,000,000 units to meet civilian needs. There was no indication, however, that the present control program over civilian distribution will be lifted in the immediate future. Officials said that they want to take off the controls as soon as possible, but as yet they are unable to fix any date when this will be.

Reports that controls would be lifted August 1 were said by WPB officials to be without foundation. It is planned to review the situation every thirty days, they said, and decide then whether to continue the present distribution program for the succeeding month, but right now they did not believe it would be terminated August 1. In other quarters the belief prevailed that the program would be continued for about three months longer.

In its announcement of arrangements for export of 1,000,000,000 units of penicillin to Latin America, WPB said that distribution of the drug in those countries will be restricted to the same uses permitted in this country.

Public Health Service

—*Continued from page 7*

this meant that jurisdiction over biologicals which heretofore rested solely with the Public Health Service was to be extended to the Food and Drug Administration. Such a situation, it was feared, provided room for too much uncertainty in the day-to-day administration of the two laws, and the senate changed the provision (Sec. 351(g)) to read:—

Nothing contained in this act shall be construed as in any way affecting, modifying, repealing, or superseding the provisions of the Federal food, drug, and cosmetic act.

The change appeared to be entirely satisfactory to the drug industry because, as explained by the senate committee, it maintains the status quo that has existed for nearly forty years. In other words, when biologicals are found on the market that may be deleterious or below standard, the field service of FDA at the request of Public Health Service may step in and seize the product.

Another proposed change was not pressed by the industry after the opposition of the Public Health Service was explained. It was to provide for court review of refusal of the service to grant licenses for the manufacture of biologicals. The argument of the Public Health Service was that inclusion of such a provision in the bill might tend to limit control over fly-by-night firms.

Schieffelin Forms Twenty-Five Year Club

Schieffelin & Co., pharmaceutical manufacturer, has formed a Quarter Century Club.

The club, organized by all the employees associated with Schieffelin & Co. twenty-five years or over, has forty-seven charter members, four of which have been with the company for over fifty years.

W. J. Schieffelin, jr., is a charter member. The two oldest employees in point of service are Miss Bella McCarthy and Henry S. Livingston. M. E. Kober was unanimously elected president and Miss C. Brennan, secretary.

Schering Names Waterman To Vice-Presidency

Robert E. Waterman has been elected a vice-president and director of the Schering Corporation, pharmaceutical manufacturer, Bloomfield, N. J.

A graduate of the Massachusetts Institute of Technology, Mr. Waterman for many years was associated with Dr. R. R. Williams of Columbia University with whom he worked on the isolation and synthesis of vitamin B_1.

In 1940 Mr. Waterman became associated with the Research Corporation, New York, to whom the Williams B_1 patents were assigned.

SILMO VITAMIN A-D PRODUCTS
• FISH LIVER OILS
• CONCENTRATES
Silmo Chemical Corp.
Laboratories and Main Office
VINELAND . NEW JERSEY

YOU NAME IT! WE MAKE IT!
WRITE DEPT. C-R
• TABLETS
• ELIXIRS
• OINTMENTS
• AMPULES
• PRIVATELY LABELED PHARMACEUTICALS
Ziegler
PHARMACAL CO.
500 FRANKLIN ST.
BUFFALO 2, N. Y.
Immediate Delivery
• BULK ASPIRIN
• RINKLE PILLS
• SACCHARIN
• AMINOPHYLLIN

ALL GRADES OF
REFINED GLYCERINE
U. S. P. B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
★ ★ ★ ★
REFINERIES LOCATED AT
• Brooklyn, N. Y.
• Jeffersonville, Ind.
• Jersey City, N. J.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 HUDSON STREET
JERSEY CITY 2 NEW JERSEY

MECCO Iodides
EXCEPTIONALLY PURE
Mecco POTASSIUM IODIDE
All forms and mixtures.
Mecco RESUBLIMED IODINE
U. S. P.
Produced by Deepwater Chemical Co., Ltd., from California Oil Well Brines.
Mefford CHEMICAL CO.
Western Chemical Headquarters
1026 Santa Fe Ave., Los Angeles, Calif.

Sawtelle Made Head Of Dr. Swett's Root Beer

Winfield Sawtelle, formerly metropolitan New York sales manager and head of the new products division of the Corn Products Refining Company, has been appointed president of Dr. Swett's Root Beer Company. As director of the company since 1941, Mr. Sawtelle has been active in extending the business from a regional New England enterprise to nation-wide operations, it was said.

TRADE EDCAN MARK
CACODYLATES
The Standard of American Quality
EDCAN LABORATORIES
10-20 Pine Street
SOUTH NORWALK, CONN.

VIKING
Petroleum Solvents
HEXANE • PENTANE • HEPTANE
PETROLEUM ETHER
LIGROIN • BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG., CHARLESTON, W. VA.

Manufacturers of
— AMERCHOL —
ABSORPTION BASES
for PHARMACEUTICAL and COSMETIC preparations
Our Absorption Bases possess inherent emollient and absorption properties because of their high free Cholesterol content.
• Facilitate the penetration and absorption of incorporated therapeutic agents.
• Recommended for ease of emulsification.
• Absorb unusually large amounts of water.
• Form pure white water-in-oil emulsions, completely stable under widely varied conditions.
We also manufacture—
Cholesterol C.P. • Emulsifiers • Ointment Bases Industrial Penetrants • Softening and Dispersing Agents and other Amerchol products.
American Cholesterol Products Incorporated
MILLTOWN, NEW JERSEY
Sales Office — 56 West 40th Street — New York 18, N. Y.

ALKALOIDS
HORMONES
VITAMINS
DRUGS
CHEMICALS
OILS
IMPORT • EXPORT
H. H. ROSENTHAL CO.
25 EAST 26th ST., NEW YORK 10, N.Y.
CABLE ADDRESS "RODRUG" ALL CODES

Obituaries

H.E. Manville, Sr.

Hiram Edward Manville, sr., former president and chairman of the board of the Johns-Manville Corporation, manufacturer of asbestos products, New York, died June 27 at his home in Pleasantville, N. Y. He was seventy-one years of age. Mr. Manville retired as chairman of the board in 1939 because of ill health.

Surviving are his wife, a daughter and son.

T.V. Schiavoni

T. V. Schiavoni, president and treasurer of the United Brush Manufactories, New York, died June 20, after a short illness. Mr. Schiavoni was connected with the company since 1891, when he began as office boy. He was sixty-seven years of age. Surviving are his wife and two sons.

Mrs. Alice Bolin du Pont, wife of Pierre S. du Pont, died in her country home near Kennett Square, Pa. She was seventy-one years of age.

Karl E. Kneiss, manager of the asphalt and road oil sales department of Tide Water Associated Oil Company, for thirteen years a director of the Asphalt Institute, died recently. He was seventy-two years of age.

Allen H. Nugent, assistant to the vice-president of the American Can Company, New York, died June 23. He was fifty-five years old.

Frank B. Watkins, manager for the New York district of the asphalt sales division of the Texas Company, New York, died last week. He was fifty-six years of age.

Balto. Drug Exchange Holds Summer Outing

The annual Summer outing of the Baltimore Drug Exchange was held at the Maryland Country Club June 28. J. F. Whitescarver, of U. S. Industrial Chemicals, Inc., who was in charge of the entertainment committee awarded golf prizes to the following:—C. H. Leonard, of the Baker Chemical Company; Robert Swindell, of Swindell Brothers; J. Rogers, of the Owens-Illinois Glass Company.

Dr. Raubenheimer Buys Adjacent Brooklyn Property

Dr. Otto Raubenheimer, botanical drugs and herb medecines, has purchased the building at 1343 Fulton street, Brooklyn, adjacent to the Verona Pharmacy. The new acquisition will be used as a pharmaceutical laboratory for the manufacture of herb teas and herb medicines. Dr. Raubenheimer also has a warehouse at 1330-34 Fulton street and operates Ye Olde Herb Shoppe at 46 Dey street, New York.

Heyden Chemical Co. Moves N. Y. Office

The Heyden Chemical Corporation has removed its New York office to 393 Seventh avenue, corner of 32d street and directly opposite to the Pennsylvania Railroad station. The telephone number is Pennsylvania 6-9000.

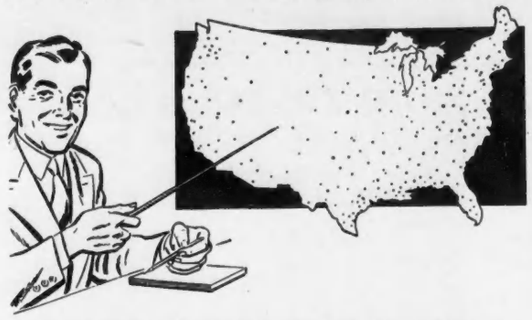
Trade Briefs

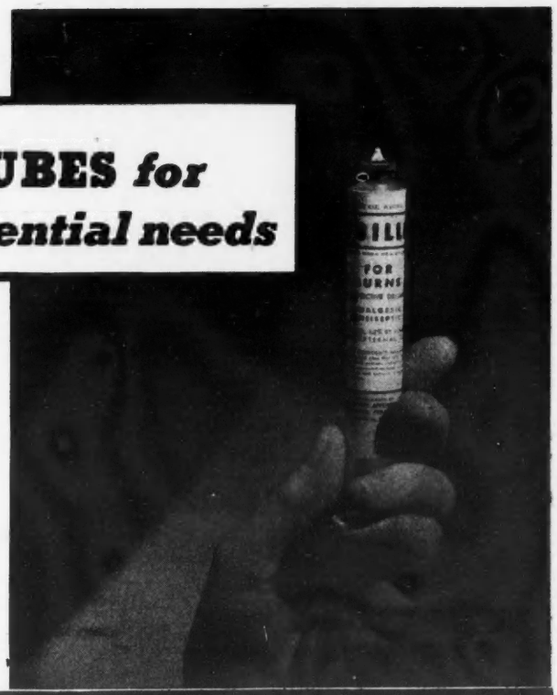
O. W. Barlow, M.D., Ph.D., formerly chief pharmacologist of the Winthrop Chemical Company, with headquarters at the company's plant and laboratories, Rensselaer, N. Y., has resigned to accept another position.

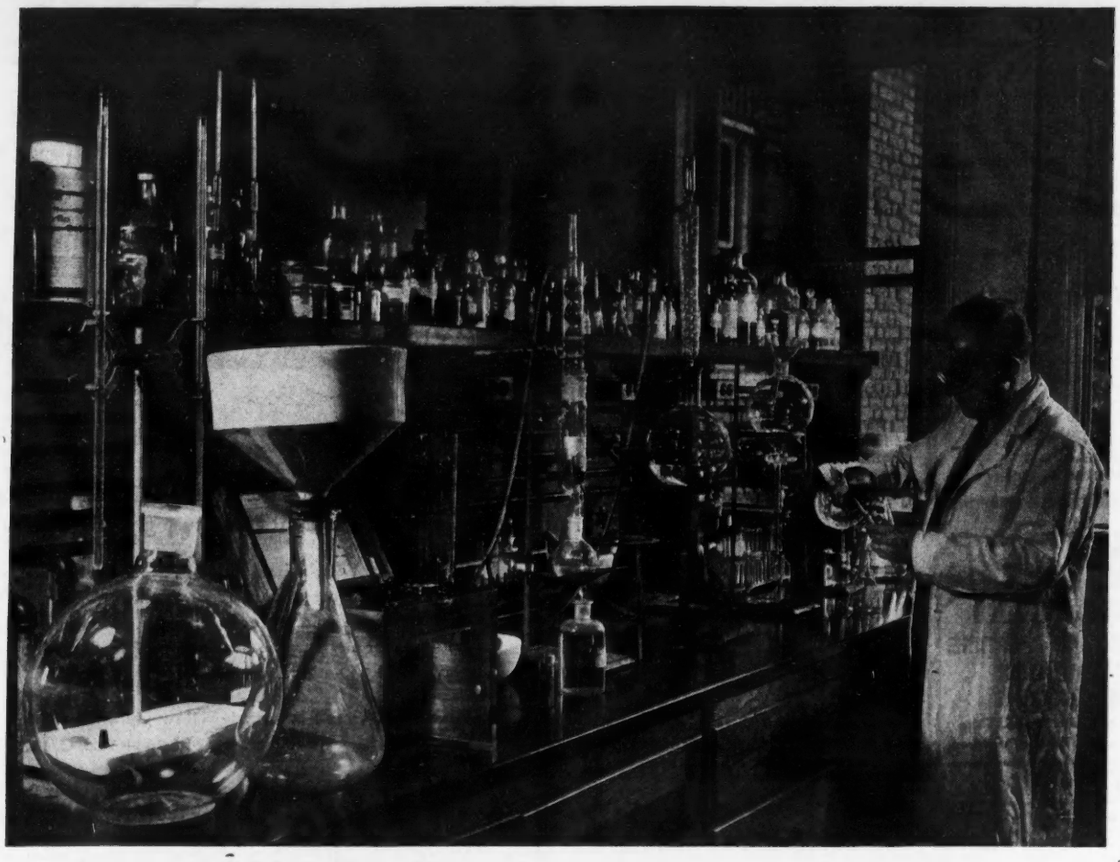
B. H. Badanes, vice-president of McKesson & Robbins, Inc., has been added to the Fountain Pen and Mechanical Pencils Wholesalers and Retailers Industry Advisory Committee to the Office of Price Administration.

Quinine department of the Ecuadorean Development Corporation has been incorporated, with its entire personnel, into the Cinchona Mission of Ecuador under the auspices of the Defense Supplies Corporation, in the American embassy, Quito.

Medi-Synth Laboratories, Inc., has been organized in Los Angeles, with a capital of $50,000. Directors are: E. R. Lambertson, Elbert M. Butts and Grace Wallace, all of Los Angeles. The new corporation is represented by Frank H. Love, 453 South Spring street.

GLYCERINE
QUICKLY AVAILABLE
AT A STOCK POINT NEAR YOU!

Armour's 332 stock points mean fast, dependable service for your present and future glycerine needs.
CHEMICALLY PURE or U. S. P. . . . A high grade, water-white glycerine meeting the requirements of the United States Pharmacopoeia. Suitable for use in foods, pharmaceuticals, cosmetics or for any purpose demanding highest quality. Specific gravity is 1.249– 25°C./25°C.
HIGH GRAVITY . . . A pale yellow glycerine for industrial purposes with a specific gravity of 1.262– 15.5°C./15.5°C.
DYNAMITE . . . A yellow glycerine made especially for the explosives trade. It has a specific gravity of 1.262– 15.5°C./15.5°C.
YELLOW DISTILLED . . . A yellow glycerine for industrial purposes with a specific gravity of 1.259– 15.5°C./15.5°C.
ARMOUR AND COMPANY
1355 WEST 31ST STREET • CHICAGO 9, ILLINOIS

TUBES for essential needs

Standard
SPECIALTY & TUBE CO.
New Brighton, Pa.



EXPERT CHEMISTS WILL HANDLE YOUR CHEMICAL PROBLEM CONFIDENTIALLY

As new sales opportunities come into view, certain industries are seeking new or additional sources of supply for chemicals —sources which are reliable, ready, and able to meet their needs . . The Montville Chemical works is equipped to be of immediate service to many of them.

The Montville Chemical Works is in continuous production on chemicals requiring a large number of different crude materials . . . Yet the Plant is flexible enough, and adaptable enough, to meet your own specifications, and supply the chemicals you need, with promptness and efficiency.

Perhaps you have been making certain items in your own plant, and now require the equipment for other purposes . . . If so, you may find that we can supply the items as dependably and as economically as you yourself had been accustomed to produce them . . . Inquiries will be held in confidence—we invite your correspondence.

MONTVILLE CHEMICAL WORKS

S. B. PENICK & COMPANY

50 CHURCH STREET NEW YORK 7, NEW YORK COrtlandt 7-1970

BUY WAR BONDS AND STAMPS — FOR VICTORY

Botanical Drugs, Spices, Gums

The New York market for botanical drugs was as quiet last week as ever quiet eventide in the Great Smokies, Blue Ridge, and Appalachian mountain areas of the domestic primary market. Few orders reached the spot and just as few sales built a total sales volume of very small dimensions.

Since this is the collection season, and since scarcity of supply is one of the major problems of dealers, it may not be amiss to record that British Columbia in Canada as an herbalist's paradise where the market is undeveloped and where prices are frozen too low to encourage development.

Reports from Canada state that arnica abounds; burdock and yellow dock roots overrun the countryside; several million pounds of cascara bark cannot be peeled because of prohibitive transportation costs; elder bushes are plentiful; digitalis, mullen and tansy are weeds that countryfolk have to fight; juniper and hawthorn berries are widely present; thousands of pounds of domestic rhubarb root are annually discharged from forcing houses; and thousands of pounds of wild cherry bark are destroyed each year when land is cleared.

And while on the subject of crops, it may be said that blessed thistle is being cultivated domestically but not for the open market at this time. Also, if the 15 acres of senna now in cultivation in California maintains the quality grown on one-tenth of an acre a year ago, harvesting of the crop as "hay" is suggested as a means of reducing costs and increasing yields. Well cultivated plantings of licorice root show high yield and quality. Twenty acres of pyrethrum are being cultivated at a Japanese relocation camp in Owens Valley, California, a location said to be ideal. Several other California cultivation projects are underway. And the opinion is expressed that, given sufficient information regarding quantities useable, prices obtainable, and who will buy, ample production of fenugreek seed in California should result readily. It is now grown there as a cover crop in the citrous belt and elsewhere. It is also grown for seed; at the moment, only California fenugreek is available in this market. The quantity is small.

Balsams

Copaiba.—Steady in demand for moderate sized quantities and free from competitive factors likely adversely to affect prices.

Peru.—No further decline in prices appears likely. At least, holders take a firm view on the present market which, it was said, lines up with prevailing replacement costs.

Barks

Cascara. — According to reports from Canada, collection will be stepped up considerably this year, but demand will be larger. Canada uses about 300,000 pounds of bark and this must be covered first. After that has been done, several million pounds will be available for export, but the supply is likely to be held in strong hands; about 80 percent is held by one factor. There are large quantities of bark not collectable now because of the cost of transportation.

Wild Cherry.—Canadian reports indicate that thousands of pounds of this bark are destroyed each year in clearing land.

Beans

Vanilla.—The Bourbon beans that left the primary market weeks ago for a transhipment point are expected now to arrive in this country before long. The cost is likely to be higher than importers had figured. The freight rate from the primary market to the transhipment port turns out to be very high. And since a fishing trawler was used as a transport medium, the greater protection required involved a much higher than usual rate of marine insurance. Also, there is the matter of additional handling charges to be figured. These factors constitute higher total charges that are likely to be reflected later on in prices to consumers, notwithstanding the fact that the importers will absorb a part of them. Sales against the arrival of these goods have been made at $8 to $8.50 per pound but since importers are certain that expenses incidental to getting the beans to this country will be higher than calculated originally, the $8 to $8.50 is probably on the low side and hence at the moment few importers are inclined to take more forward business for the time being. Mexican whole beans were not overly well supplied but stocks should gain in July. Tahiti beans sold lower at $3.50 for white and $3.25 for yellow label.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Ginger, Jamaica, No. 2, 1c. per lb.
No. 3, 1c. per lb.
Rosemary, Portuguese, ¾c. per lb.

Prices Reduced

Drugs

Gentian root, 2c. per lb.

Other Articles

Allspice, Mexican, ½c. per lb.
Pimento, Jamaica, ½c. per lb.
Vanila beans, Tahiti, 25c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
245.1	245.1	254.6	260.5

Berries

Prickly Ash.—Firm because primary market stocks are small and prices there hold comparatively strong at relatively high levels.

Raspberries.—In fair request but not overly abundant in most quarters.

Flowers

Arnica.—Good quality merchandise was not too readily obtainable and it was said that anything available at "bargin" prices would probably be very old material.

Pyrethrum. — Experimental plantings reported to have been made in California. A Japanese relocation camp in the Owens Valley is alleged to have 20 acres under cultivation and reports suggest the locale to be ideal for the item.

Gums

Arabic.—Values holding steady on spot and demand was possibly a shade more active last week than it had been in recent periods. However, conditions were considered fairly favorable for buyer operations and holders were disposed to stand pat at current price levels and to await natural development of a buying movement based on actual needs of consumers.

Karaya.—Stocks were in fair shape so far as consumers were concerned; renewals of supply have been substantial and, as to the future, there is no scarcity of cargo carriers. Prices hold firm, reflecting maintained costs in the primary market.

Herbs and Leaves

Blessed Thistle.—Domestic cultivation of this article is reported. A crop of about 75 tons is in sight but will not come on the open market. Still, such production suggests added possibilities for broader domestic culutivation.

Catnep.—No further easing of prices reported. Market on spot appeared to be in line with that in the collection areas but there were some who descerned signs of a possible firming of the entire situation.

Rosemary.—Portuguese material reported higher at 9c. to 9½c. per pound.

Sage.—Quotations on some Cyprus material were made at 21½c. to 22c. per pound for good quality, and 17½c. to 18c. for fair grades.

Senna. — Experimental cultivation on 15 acres in California encouraged by the high quality of the material

For current prices see alphabetical listing beginning on page 9.

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

SENNA PODS
LICORICE ROOT USP
FENNEL SEED
ARECA NUTS NF

SPECIALIZING
IN
SOLID AND POWDERED
EXTRACTS
AND
CONCENTRATIONS

J. L. HOPKINS & CO.
IMPORTERS, MILLERS AND
MANUFACTURERS OF PROFESSIONALLY
MILLED, ANALYZED CRUDE DRUGS
220 BROADWAY • NEW YORK
Boston
Philadelphia
San Francisco
Los Angeles
Memphis

HIGHLY EFFICIENT---
EXTREMELY ECONOMICAL
KELCO ALGIN
MAY GREATLY IMPROVE
BOTH YOUR FORMULAS & PROCESSING

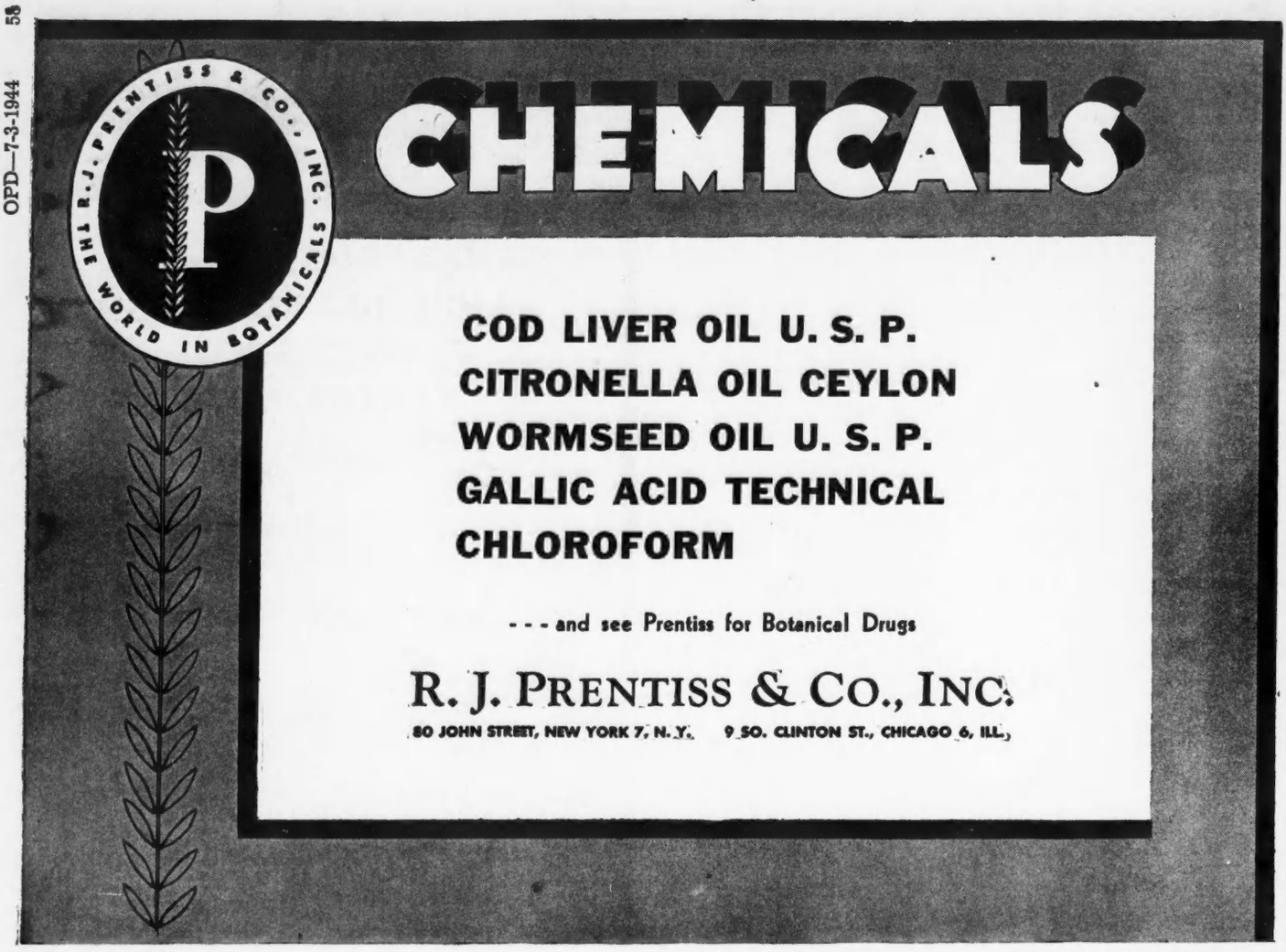
KELCO ALGIN
is now used in
TEXTILE PRINT PASTES
DENTIFRICES
PHARMACEUTICALS
BOILER-WATER COMPOUNDS
COLD-WATER PAINTS
FOOD PRODUCTS
LEATHER DRESSINGS

KELCO
REFINED ALGIN PRODUCTS

Kelco algin is a well-known and widely used hydrophilic colloid. It forms highly viscous solutions or colloidal suspensions when mixed with water. It has been carefully developed and thoroughly tested in practical use as a stabilizing, suspending, bodying, emulsifying, and thickening agent.

We would welcome your inquiries on the possible advantages of KELCO ALGIN in *your* formulas. Simply tell us the use for which the algin is intended and give us the pH of your formulas. Without obligating you in any way, of course.

KELCO COMPANY
75 E. Wacker Drive
CHICAGO-1
31 Nassau Street
NEW YORK-5
530 W. Sixth Street
LOS ANGELES-14


THE R. J. PRENTISS & CO., INC. THE WORLD IN BOTANICALS
P
CHEMICALS
COD LIVER OIL U. S. P.
CITRONELLA OIL CEYLON
WORMSEED OIL U. S. P.
GALLIC ACID TECHNICAL
CHLOROFORM
- - - and see Prentiss for Botanical Drugs
R. J. PRENTISS & CO., INC.
80 JOHN STREET, NEW YORK 7, N. Y. 9 SO. CLINTON ST., CHICAGO 6, ILL.

grown last year on one-tenth of an acre. Harvesting the growth as senna "hay" has been suggested. If quality is maintained, such a harvesting method will, it is believed, yield an assay better than many lots of commercial leaves. The idea is to reduce the production cost of domestic cultivated material.

Miscellaneous

Ergot.—Foreign reports fail to suggest early development of an easier export market for this article at the source. Local conditions appear to be well stabilized.

Lycopodium.—It is believed that the price decline has reached a level of values at which a hardening of quotations may be expected, mainly because basic collection costs preclude much further movement of prices in favor of buyers.

Papain.—Stocks of this article gained to the extent of 83 cases.

St. John's Bread.—Stocks gained to the extent of 1,283 bags and came to a market subject to a substantial amount of competition for orders. Hence, prices favored potential buyers.

Roots

Burdock.—Canadian sources report areas in which the whole countryside is overrun with this article.

Gentian.—Competition and better than fair supply have combined to ease prices down to 41c. to 42c. per pound for whole; ground, 46c. to 47c.; powdered, 47c. to 48c.

Licorice.—Further renewals of supply were noted to the extent of 4,322 bales.

Rhubarb.—Reports from Canada state that thousands of tons of domestic root are destroyed each year from the forcing houses. For medicinal uses, India root continued available in ample quantities.

Seeds

Anise.—Cyprus material entered the nominal class, standing at 20c. per pound on that basis. The fact seemed to be that Mexican material alone might be article upon which users may have to depend in the not far distant future.

Caraway.—Steady to firm with not more than moderate inquiry being reported.

Coriander.—Many are the buyers who long to part with dollars in ex-

—*Continued on page 66*

Penick Co. Names Two Vice-Presidents

Dr. Thomas Lewis and Harold Meyer have been elected vice-presidents of S. B. Penick & Co., botanical drugs, New York, according to S. B. Penick, jr., president. James G. Flanagan, secretary and general counsel, has been elected to the directorate.

Dr. Thomas Lewis

Harold Meyer

Previous to joining the Penick company in 1930 as technical director, Dr. Lewis was head of the School of Pharmacy in Cardiff, Wales. Dr. Lewis has been active in the development of the company's manufacturing and research departments for the bulk production of alkaloids, glycosides, natural and synthetic hormones, medicinal extracts, resins, oleoresins, etc.

Mr. Meyer joined the Penick company in 1926 and held several progressive positions in the sales division until 1934, when he established a midwestern branch of the company in Chicago, which he has successfully managed and developed.

Mr. Flanagan has taken an active part on the legislative committees of the American Pharmaceutical Manufacturers' Association and American Drug Manufacturers' Association, acting as general counsel of the latter during 1943 and 1944.

PEEK AND VELSOR INCORPORATED 100 GOLD ST. NEW YORK 7

Established 1840
CRUDE DRUGS

British Brewers Used

QUASSIA

Modern medicine finds excellent tonic and stomachic properties in quassia, or bitter wood as it is called in Jamaica, but British brewers of ale and porter used it widely as early as 1791. They obtained it from Jamaica, but when quassia first reached Europe in 1750, it came from its native Panama, Guiana, Venezuela, or Northern Brazil where it was a small shrub or tree.

Jamaica quassia was a tree 50 to 60 feet high and much used as timber in the construction of buildings and dwellings, but it was also used medicinally in the treatment of putrid fevers and fluxes. Its remedial properties put it into the 1788 British Pharmacopœia.

Quassia is an N. F., botanical drug, specified as the heart wood of *Picrasma excelsa* or *Quassia amara*. In 1781 it sold in London at about $1 per pound. It sells here today in cents per pound.

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY

Essential Oils, Other Aromatics

Business in essential oils and aromatic chemicals was reported to be very good. On the basis of available supplies of most products, it was even excellent in many instances and the movement into consumption acted strongly to the maintenance of prevailing prices.

Citrous oils were in far larger request for civilian uses that stocks were able to meet readily. In the instance of lemon oil, almost nothing was being permitted use for products intended for civilian consumption; available supplies were diverted to manufacturing consumers producing products required by the armed forces. Reports of possible import from sources other than Italy were noted but lacked substantial proof as to the probability. Orange oil moved actively, sufficiently so for reduced stocks to work toward full maintenance of the recent advances in prices. Lime oil was in low supply and very strong.

Geranium oils had were in very fair request and very moderate supply. Practically no lavender was available but progress of the war and predictions of early invasion of southern France encouraged some in their viewing of the future. Thyme and rosemary oils were steadier than they were recently when supply was more ample than it is today. Vetiver was extinct.

Clove oil held firm; no change in price took place notwithstanding some reports of a lower market. Producers called the market stabilized. Sweet expressed almond oil was in better request and the downward trend of values has ceased. Hope for an arrival of Italian bergamot oil still existed but there was growing skepticism regarding government bodies loading a strictly perfumer's oil in liberated Reggio or Messina. The government "intention" to forward such oil, however, has not been voided officially. More bay oil moved and prices were well maintained in firm position.

Such domestic oils as hemlock, spruce, erigeron, tansy, sweet birch, and cedarwood were in rather uncertain position although it was expected that present OPA prices on spruce and cedarleaf are expected to encourage production if labor be available. Peppermint made good progress and to this time the crop outlook may be called satisfactory.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
262.3	262.3	267.8	245.9

Essential Oils

Almond.—Demand for expressed oil was better and firmed the market considerably. Practically no other kind of oil was to be had.

Bergamot.—So far as is known, replenishment of supplies of Italian bergamot remains in the "intention" stage of government bodies associated with getting Italian oils moving to this market. There is strong reason to doubt that the government will expedite shipments of a strictly perfume-makers' oil at an early date. Those of that belief could be wrong.

Bois de Rose.—The supply situation remains comparatively tight, and to a considerable extent the spot market is a nominal affair in that it lacks readily obtainable, open market supplies.

Cedarleaf.—It seems likely that better production of this oil is in sight, encouragement having been offered by the present OPA ceiling prices for this year's production at the source.

Citronella.—Supplies of Ceylon oil have gained to the extent of 34 drums. The spot supplies appeared to care very well for the current volume of demand.

Clove.—No change took place in prices notwithstanding some reports to that effect. The leading producers called it a well-stabilized market where consumer prices were definitely lined up with production costs plus moderate profit to the distillers.

Dill.—Considerable interest in oil for delivery later in the season has been reported. Pickling operations are expected to take on enlarged proportions this year.

Juniper.—Reports suggest that ample quantities of raw material are available in some parts of Canada but that virtually no attempt has been made yet to get collection started and shipments begun.

Lemon.—With oil for strictly civilian purposes probably out of the question except for very minor quantities of either domestic or Italian oil, a report to the effect that some oil not originating in Italy will eventually reach this country held some interest. The details known thus far, however, might well render the accuracy of the report. Although Mexico has offered oil at times in the past, this expected oil seemed not likely to have begun its trip here in that country. Every fact in hand at this time indicates that available imports of lemon oil will be mainly diverted to manufacturing consumers making products demanded by the armed forces; lemon powders of one sort or another are said to be part of some army field rations. The army has not yet notified WFA that it will require all the lemon oil recently brought from Italy but WFA assumes that it will. If the army takes it all, the understanding is that the army will do no more forward buying of domestic lemon oil, leaving that market free to the civilian users. Whether this will mean much in the long run to civilians is problematical, however, as reports reaching here indicate that the lemon crop is in bad shape again and production may not reach expectations. There are, however, several irons in the fire to bring in some more oil from Sicily or Italy, but, when, and how much, nobody knows.

Lemongrass.—Fully firm in all respects and not readily obtainable for a spot delivery at the moment, although there is reason to believe that stocks will gain in the not too-far distant future.

Nutmeg.—The supply situation as to raw material was as poor as ever and not a sign of pending improvement in that respect can be seen. The fact is confirmed by the good sales of substitutes and imitations.

Orange.—The movement was excellent. Orders involved substantial quantities and tended to remain at a volume productive of extremely firm prices. No further rise in quotations was noted but the tendency in that direction was quite well defined.. Additions to stocks of imported oil were expected soon. The War Food Administration on May 29 bought 23,515 pounds at prices ranging from $1.17 per pound to $1.50

Palmarosa.—No over supply seemed likely for an indefinite period. Most former suppliers consider the market nothing less than nominal.

Pennyroyal.—Stocks were distinctly short. Attempts to assure a larger domestic production stand little chance of major success because of manpower shortages and the need to use workers in what are considered more important production.

Peppermint.—Amendment of WFO81, effective June 30, will permit those persons who would normally purchase or contract for supplies of oil of peppermint at this time of the year, to acquire 50 percent of their annual quotas of this material in advance of the beginning date of the allocation year 1944-45 as defined in WFO81. This will enable producers of oil of peppermint to secure a better market for their crops soon to be harvested.

Petitgrain.—Stocks were on the conservative side and were mainly in hands taking an extremely firm view on the present and future market positions.

Rosemary.—Fairly well supplied in practically all quarters. However, some say values have a tendency to become further as stocks decrease and some uncertainty concerning replacements arises from time to time.

Sassafras.—Stocks gained to the extent of 22 drums and more additions to supply are expected. However, the goods move into consumers' hands al-

For current prices see alphabetical listing beginning on page 9.

A Famous Brand Is Back Again

MOHAWK OIL PEPPERMINT

Distilled • Redistilled U.S.P. • Triple Distilled U.S.P.

If you're "on the trail" for a prime quality peppermint oil, MOHAWK OIL PEPPERMINT,— *since 1895 the "chief" of all peppermints*, is available again.

Mohawk Brand Peppermint has a full-bodied tang and clean-cut minty odor, yet is remarkably mellow and free from sharpness and weediness.

MAGNUS, MABEE & REYNARD, INC.

16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO

Los Angeles: BRAUN CORPORATION — San Francisco: BRAUN-KNECHT-HEIMANN CO.

Seattle, Portland, Spokane: VAN WATERS & ROGERS — Toronto: RICHARDSON AGENCIES, LTD.

Today's Specials—

RESIN LABDANUM
RESIN OLIBANUM
RESIN OPOPONAX
RESIN STYRAX

GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK 13, N. Y.
Branches: Chicago, San Francisco, Montreal • *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT **ESSENTIAL OILS** EXPORT
162-164 Front Street — Established 1896 — New York City

ROSEMARY
SPIKE
LAVENDER
LABDANUM

LEMON OIL U. S. P.
ORANGE OIL U. S. P.
LIME OIL — AROMATICS
PERFUME BASES — FLAVORS

Samples gladly submitted.
Send us your problems.

STANDARD SYNTHETICS, INC.
30 WEST 26th STREET — NEW YORK 10, N. Y.
Branches: Chicago — San Francisco — Kansas City

• THESE OUTSTANDING IMITATION OILS WILL HELP YOUR SPICE QUOTAS AND ENABLE YOU TO MAINTAIN PRE-WAR PRODUCTION AND QUALITY OF YOUR GOODS •

CASSIA
CINNAMON
NUTMEG
MACE
PIMENTA

Let us quote you

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Centflor Manufacturing Company
6 Varick Street
New York 13, N. Y.
Telephone: WAlker 5-6193

AROMATIC CHEMICALS
PERFUME COMPOUNDS
ESSENTIAL OILS
Samples on request.

CHICAGO DALLAS DENVER NEW ORLEANS SAN FRANCISCO SEATTLE

SUPREME AROMATICS
ESSENTIAL—FLAVORING—PERFUME
OILS

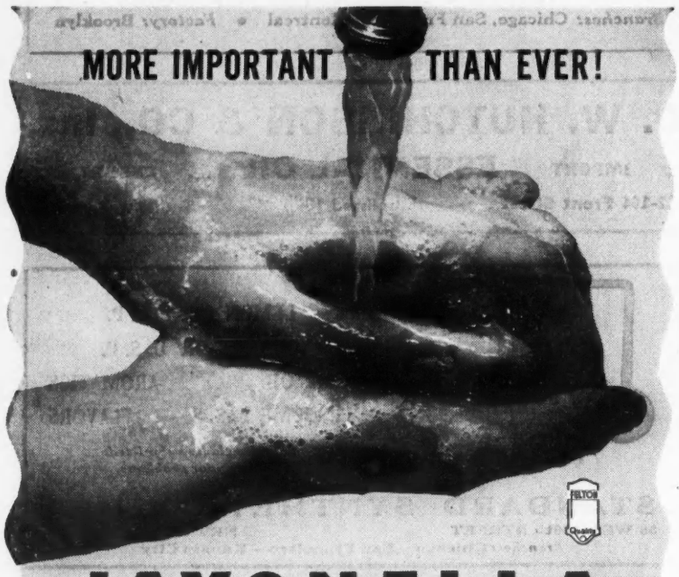
LOS ANGELES MONTREAL TORONTO VANCOUVER WINNIPEG MEXICO CITY

FLORASYNTH LABORATORIES INC.

ESSENTIAL OILS
P. R. DREYER INC.
119 WEST 19th STREET
NEW YORK, N. Y.
AROMATICS

OIL CITRONELLA
Ceylon
Write for Quotations

OIL of PEPPERMINT
SPEARMINT
Of the Choicest Quality
☆
A. M. TODD COMPANY
KALAMAZOO, MICHIGAN



JAVONELLA
Perfect for Perfuming
LAUNDRY SOAPS • WASHING POWDERS
LIQUID CLEANSERS • POLISHES, etc.
EVEN when oil of citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is high in price and difficult to get, JAVONELLA is more important than ever before.
Write for sample and quotation
FELTON CHEMICAL CO., INC.
599 JOHNSON AVE., B'KLYN, N. Y. • BRANCHES IN PRINCIPAL CITIES
MANUFACTURERS OF AROMATIC CHEMICALS, NATURAL DERIVATIVES, PERFUME AND FLAVOR OILS

most as soon as they become available. Very firm prices prevailed.

Spearmint. — Much has been said about the peppermint oil position but mightly little about that in spearmint.

Sweet Birch. — Some believe that much higher prices will be required if major production in domestic quarters is to be encouraged this year. It was reported not easy to get farmers to divert their labor to its production.

Tansy.—The present market is nominal and nothing suggests anything like a normal production this year. Labor is one difficulty. Price is another.

Thyme. — Very fair demand has eased the pressure recently caused by the presence of substantial quantities of oil. Reduction in stocks has served to firm the market considerably.

Aromatic Chemicals

Cinnamic Aldehyde. — Many have none for sale and few have more than small quantities. The situation was nominal in many directions.

Citronellal.—Not a great deal could be found anywhere and only small quantities were found occasionally. Values appeared nominal.

Coumarin. — Demand was reported good and a fair production was steadily absorbed to an extent preventing accumulation of substantial reserves.

Diphenyl Oxide. — More than usual jobbing business was current and came to a definitely firm but also well stabilized market.

Ethyl Acetate. — The perfumer's grade was almost unobtainable. Other requirements take up consumption and keep the supply situation very tight.

Heliotropine. — Very firm. Not abundantly supplied at the moment and subject to a very good consuming request that kept prices strong.

Chestnut Extract Price

—Continued from page 4

charges may be made for such barrels.

For sales of special powdered chestnut extract $1 per 100 pounds may be added. On sales by jobbers of standard or special in bags, $1.50 per 100 pounds may be added to the manufacturer's maximum.

For sales of powdered extract containing more or less than 65 percent of tannin, for every 1 percent of tannin content less or more than 65 percent there shall be deducted from or added to the basic price, not less than, or not more than one-sixty-fifth of such price.

The maximums set forth for powdered chestnut extract do not include bags, and the seller may make additional charges for bags, not to exceed the maximum price for the bag actually used. If the seller wishes to retain title to the bag he may charge a deposit to insure its return.

Carbide & Carbon Booklet Contains Amines Data

Carbide & Carbon Chemicals Corporation, a unit of Union Carbide and Carbon Corporation, has published a booklet on "Amines," which condenses under one cover information on twenty-five members of this particular group of organic chemicals that are available in commercial quantities. Copies of the booklet can be obtained by writing Carbide & Carbon Chemicals Corporation, 30 East Forty-second Street, New York 17, N. Y.

Trade Briefs

National Confectioners' Association will meet in New York June 6 to 8.

Flame-Glo Cosmetics, Inc., New York, has been incorporated with a capital of 200 shares no par value. Subscribers are Bernice A. Turner, Lee Goldstein and R. Rose.

Lovell's Cosmetics Company is the firm name under which Ludwig Lovell has published a certificate that he is conducting business at 815 South Hill street, Los Angeles, Calif.

Van Dyk & Co., manufacturer of perfumery and cosmetic raw materials, Belleville, N. J., has appointed George F. Sherrill in charge of its Western office in Los Angeles.

Vernaix Perfumes is the firm name under which Rex Delorme Brookhart and Ivan Cecil Ellis have published a certificate that they are conducting business at 4306 Randolph street, Bell, Calif.

Pharmaceutical Ad Club Elects De Haen President

Paul de Haen, of Riedel-de Haen, Inc., New York, has been elected president of the Pharmaceutical Advertising Club. Other officers elected were:—Vice-president, H. R. Moorman, of Sarnay Products, Inc., New York; treasurer, Herbert Hartfiel, of the Wm. R. Warner & Co., New York; secretary, Robert J. Ingram, of Bristol-Myers Company, New York.

Disabled Veterans Honored

Percy C. Magnus tendered a dinner in honor of the Disabled War Veterans, in the Yale Club, June 21. Guests of honor were Lieut. Ernest Childers, of Broken Arrow, Okla., infantryman who distinguished himself on the Italian battlefront, one of the first heroes of World War II to win the Congressional Medal of Honor; the Hon. Walter Nash, minister from New Zealand; Brig. Gen. Frank T. Hines, Administrator of Veterans Affairs, for twenty-two years chief of the Veterans Administration; Tech. Sergt. Charles E. (Commando) Kelly, of Pittsburgh, Pa., first and only enlisted man to win both the Congressional Medal of Honor and the Silver Star.

Boston BIMS Golf

At the June outing of the Boston BIMS the following were awarded prizes: A. Mosher Cooke, of Commercial Solvents Corporation; Robert March of A. N. Pierson, Inc.; Robert Carney, of Carney-Young Utilities and Morris Meeker of Andrew Dutton Company.

HAVE YOUR PERFUMING PROBLEMS SOLVED BY
VAN AMERINGEN HAEBLER INC.
315 FOURTH AVENUE
NEW YORK N. Y.

BASIC PERFUME SPECIALTIES
COMPOUNDS • RAW MATERIALS
SCHIMMEL & CO., INC.
601 WEST 26th STREET NEW YORK 1, N. Y.

SYNTHETIC MUSKS
Well-established company in aromatic chemical line wishes to acquire processes for the manufacture of various types of synthetic musks.
Address replies to Box 177, Oil Paint and Drug Reporter

Petroleum Derivatives

The constantly mounting and increasingly imperative requirements of the Allied invasion operations in France and Italy are diverting the normal Eastward flow of the principal derivatives of petroleum, and even of crude oil itself, to the extent that the supply situation, insofar as it affects civilian consumers, is becoming tighter than for some time past in various sectors of the Atlantic seaboard as well as in the Midwest.

Even the hugely amplified production of crude petroleum in the oilfields of this country and increasing importations from Mexico, the Caribbean and Venezuela, with a resultant swelling of the runs of crude oil to the refineries and a further stepping up of refinery operations are failing to relieve this tension in non-military supplies, most pronounced in farm tractor fuel and housebrand gasolines, lubricants, petroleum solvents, and liquefied gases, as the pressure to replenish and further build up stocks needed for the invasion grows more intense.

And the hastily summoned conference of the Petroleum Administrator and War Department chiefs with the principal producers of 100-octane gasoline, at which the titanic needs of the war effort in aviation "gas" and all its ingredients were impressed upon all participants, together with the curtailment of production in tetraethyl of lead "gas" ordered by PAW for an indefinite period, has made it clear that there is no relief in sight for the tension in civilian supplies of all these derivatives.

Market Trends

Prices Advanced
None

Prices Reduced
None

Solvents and Diluents

Refiners of naphthas are momentarily expecting the issuance of an Office of Price Administration order providing for rationing control over stove naphtha in seven states in the Middlewest and Northwest, to stop the illegal use of this product as a motor fuel, and also to keep down the distribution of some other light distillates, and are also looking for a speedy issuance of an additional and more clarified revision of WPB's order M-150, regulating the distribution of high-solvency aromatic naphthas, which was latterly changed from an allocation to a conservation order, with prohibited uses set forth in Schedule A and permissible uses stated in Schedule B, which is now counted upon to omit some of the hitherto prohibited uses and in that way add to the allowable uses.

Aromatic Solvents.—With the recent diminution of the heretofore urgent demand for these high-solvency aromatics, processors have been able to obtain enough of the basic material, xylene, to fill all proffered orders. Some of the current hesitancy of consumers to place orders covering their needs is due to their desire to learn more definitely their buying privileges under the terms of the latest revision of order M-150, whose issuance by WPB is now eagerly awaited. An undiminished call for the aliphatics continues to be noted.

Cleaners' Naphtha.—Moving steadily and in sizable volume into military channels and in only slightly lesser amounts on civilian account. Prices well maintained.

Lacquer Diluent.—Buying interest is still fairly keen, with paint and varnish interests engaged in military work leading in the absorption of current offerings. Market holding firm throughout.

Mineral Spirit.—Still in brisk call. Tone steady.

Rubber Solvent.—An unabated absorption of the output by synthetic rubber manufacturers continues to be noted. Market very strong. One large processor is entirely out of the market; another on the Pacific coast has halted production and is offering only sparingly from stocks still on hand while others have little or none to offer.

Stoddard Solvent. — Still moving steadily into consuming channels. Tone strong.

V. M. & P. Naphtha.—Paint interests engaged in war production continue taking the bulk of current offerings. Prices firmly held.

Markets at Other Centers

Chicago, June 30.—The paint industry and other consuming lines are buying the petroleum solvents avidly in this area and a strong market tone is being generally maintained. Offerings are not generally large.

Los Angeles, June 30.—Interest in petroleum solvents and diluents was as broad as ever on the Pacific coast last week. The call from the paint trade for thinners apparently knows no bounds. Manufacturers are meeting most requirements of the allocated specialties.

Lighter Fractions

Butane.—Announcement of the contemplated addition of 1,000 high-pressure tankcars to the fleet of 3,282 such tankcars in the last three months of this year, and of other plans for facilitating the movement of this liquefied gas into war uses have made even clearer than heretofore the gargantuan requirements of the campaigns in Europe and on the Pacific which are draining supplies to the extent that there is little left for home heating purposes and civilian industrial uses. Prices continue strongly maintained.

Propane. — Still boiling over with war production business and on all scores dominated by the same factors as those governing the market for butane.

Petrolatums and Waxes

Amorphous Waxes.—A fairly active demand is reported for the standard process types and only a slightly lesser request is noted for all other kinds. Price structure stable.

Paraffin. — The imbalance between supply and demand, hitherto resulting from overproduction of crude scale and underconsumption of this basic material, with equally noteworthy shortages of refined grades, is fast being rectified. Stocks of crude scale, though sufficient for all current needs, are no longer outstandingly excessive and inventories of both low and high melting points of refined wax are now deemed adequate for prevailing needs, which have latterly been tapering off with a notable diminution in the quantities required by the waxed paper trade, resulting from the growing shortage of paper. But advices from Foreign Economic Administration sources indicate that Lend-Lease will be in the market for substantial quantities of wax in the third and fourth quarters of this year and that therefore export licenses covering paraffin will be increasingly difficult to get.

Petrolatums. — Still moving steadily into consuming channels with prices for U.S.P., veterinarian and technical grades well maintained at the levels reached last July.

White Mineral Oils.—A moderately active movement of U.S.P and technical grades continues to be noted. Though the leading producers are still holding out for the price levels reached two years ago, some suppliers are cutting, prices rather sharply, in a scramble to book orders. The leaders, however, decline to meet this cutrate competition with equalizing markdowns of their prices.

Fuels and Lubricants

Crude Petroleum.—PAW has recommended an all-time high daily rate for crude oil production for July by certifying an average output for the domestic oilfields of 4,907,700 barrels a day, which is 20,600 barrels daily more than the previous high level certified rate—that for June.

For the week ended June 24, the daily average domestic production rate had reached a new peak at 4,583,200 barrels, or 14,950 barrels more than that for the previous week and only 2,400 barrels below PAW's June recommendation of 4,585,000 barrels.

For current prices see alphabetical listing beginning on page 9.

ULTRA-PENN
Specialists in quality
PETROLATUMS—WHITE OILS
for every purpose
ULTRA PENN REFINING CO. • Butler, Pa.

DRUMS RECONDITIONED
CLEANED DENTS REMOVED
TESTED BAKED ENAMEL
RELINED (High Temp.)
NEWARK STEEL DRUM CO.
C. J. COLVILLE, President
LINDEN, N.J. Phone 2-4466

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE)
NIAGARA CHLORINE PRODUCTS CO.
LOCKPORT, NEW YORK

Controlled Specialization
petrolatums and white oils
CERESINES, WHITE AND YELLOW
RUST PREVENTIVES
From the Refinery of
SHERWOOD
REFINING COMPANY, INC.
ENGLEWOOD, N. J.
Refinery, WARREN, PA.

Penn-Drake
WHITE OILS
PETROLATUM
and other
PETROLEUM PRODUCTS
•
Highest Quality
Dependably Uniform
•
PENNSYLVANIA
REFINING COMPANY
BUTLER, PENNSYLVANIA
Representatives and Stocks in Principal Cities

ARE YOU FAMILIAR WITH THE USE OF THESE NUODEX AGENTS?
1. NUODEX LEAD—
(a) as a corrosion inhibitor in rust-proofing oils.
(b) in extreme pressure lubricants.
2. NUODEX ZINC — as a corrosion inhibitor
We welcome the opportunity to discuss the above subjects.
THREE LITTLE BOTTLES THAT BUILT THE PLANT
NUODEX PRODUCTS CO., INC., ELIZABETH, F, N. J.
NUODEX PRODUCTS OF CANADA, LIMITED, LEASIDE, ONTARIO

Scientific and Professional Services

ALEXANDER, JEROME
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street **New York 17, N. Y.**
Member:—Association of Consulting Chemists and Chemical Engineers

ASSOCIATION OF CONSULTING CHEMISTS AND CHEMICAL ENGINEERS, Inc.
A Clearing House *for Consultants*
The membership, located from coast to coast, comprises specialists in all fields.
For Consultants Address the Association
50 EAST 41st STREET **NEW YORK 17, N. Y.**
Room 82 LExington 2-1130

J. BARAB
Consulting Chemical Engineer
PRODUCTS — PROCESSES — USES
Special Experience in Developing and Adapting Procedures For
IMPROVED EFFICIENCY **QUALITY CONTROL**
299 MADISON AVE. **Phone: MU 2-5022** **NEW YORK 17, N. Y.**

FOOD RESEARCH LABORATORIES
Founded in 1922
48-14 Thirty-Third Street, Long Island City 1, New York City STillwell 4-4814
Chemical and Biological Studies of Efficacy and Potency of Foods, Drugs, Vitamins • New Products • New Uses • Protective Packaging • FDA and FTC Matters • Technical Counsel in Legal Actions, etc. Brochure available on request.

HORACE J. HALLOWELL
CONSULTING CHEMIST
Analyses - - Reports - - Investigations - - Research
Drugs - Cosmetics - Pharmaceuticals
Minerals - Alloys - Beverages - Soils
FORMULAS DEVELOPED
323 Main Street **Danbury, Conn.**

Charles H. LaWall—1871-1937 Joseph W. E. Harrisson
LaWALL and HARRISSON
Pharmaceutical and Chemical Research. Biological Assays. Pharmacological Studies in association with Clinical Tests. Routine Drug and Food Control.
1921 Walnut Street **Philadelphia 3, Pa.**

LEBERCO LABORATORIES
Consulting Chemists and Biologists
36 ROOSEVELT AVENUE **BLOOMFIELD, N. J.**
Assays (Biological, Chemical):—Vitamins, Hormones, Drugs, Toxicity Tests—Research—Bacteriology—Nutritional Studies—Consultation
We are eager to have your firm as one of our clientele and would be very glad to hear from you on any matter which requires the services of an independent, reputable firm.
An Independent Laboratory to meet the Needs of Your Organization

Est. 1865
W. S. PURDY COMPANY, Inc.
TESTING AND CONSULTING LABORATORIES
PETROLEUM FUELS ASPHALTS COAL
WAXES GREASES FATS COSMETICS
PAINTS SOAPS TEXTILES
128 Water Street, New York 5 **HAnover 2-3772**

SADTLER, SAMUEL P., & SON, Inc.
RESEARCH AND ANALYTICAL CHEMISTS
Many chemical services are rendered to chemical, pharmaceutical, cosmetic and industrial clients.
216 South 13th Street **Philadelphia 7, Pa.**
Member Association of Consulting Chemists and Chemical Engineers.

THE SCHEPP LABORATORIES
RESEARCH AND CONSULTING CHEMISTS
SURFACE CHEMISTRY
Large Surfaces — Fine Powders — Colloids
Member Ass'n of Consulting Chemists and Chemical Engineers
21-23 Summit Ave. Telephone: FAirlawn 6-1212 **East Paterson, N. J.**

J. C. TH. UPHOF, D.Sci.
CONSULTANT
Agricultural Research, Botanicals, Spices, Oils, Fibers, Tannins, Waxes and Other Plant Materials, Tropical and Subtropical Products, Biological Assays
Domestic and Foreign
INVESTIGATIONS, RESEARCH, INSPECTION, ANALYSIS, REPORTS, TRAVEL
Correspondence in Foreign Languages
76 WASHINGTON STREET **EAST ORANGE, N. J.**

BANCROFT LABORATORIES
Box 1022 **Worcester, Mass.**
RESEARCH and CONSULTING CHEMISTS
Chemical Analysis and Synthesis, Microchemical Organic Analysis

Bureau of Chemistry
New York Produce Exchange
H. P. Trevithick, Ph.B., B.S.
2 Broadway **New York 4**
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

CUMMINS & GRANT
Analytical & Consulting Chemists
ANALYSIS OF PAINTS, OILS, ALLOYS, (Precious and Non-Precious), ORES, PLATING SOLUTIONS AND ALLIED MATERIALS
9 N. EUTAW STREET
Baltimore, Md. **CAlvert 1354**

COLLAPSIBLE TUBE FILLING
JAR FILLING
Write to us
DAY CHEMICAL COMPANY
713 So. 14th St., Newark 3, N. J.

EDWAL LABORATORIES, Inc.
E. W. Lowe, Ph.D. W. S. Guthmann, Ph.D. W. B. Hendrey, Ph.D.
Analytical & Consulting Chemists
Research on Part-time or Fellowship Basis
732 Federal St. **Chicago 5, Ill.**
Descriptive booklet No.21-O available

J. Ehrlich, Ph.D.
CONSULTING CHEMIST
153 South Doheny Drive
Beverly Hills, California
ORGANIC SYNTHESES
Fellow of the American Institute of Chemists

RALPH L. EVANS ASSOCIATES
•
Research and Development
70 Chemists and Engineers
•
RAW MATERIALS
COMPOUNDS
FINISHED PRODUCTS
•
From Laboratory, through Pilot Plant to full scale Production
•
Tel. MUrray Hill 3-0072
250 East 43rd Street
NEW YORK 17, N. Y.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects.
4 Cherry Street **Montclair, N. J.**
Telephone MOntclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
CHEMISTS AND ENGINEERS
Specialists on Petroleum Products
961-976 Frelinghuysen Ave., Newark, N. J.
Telephone Bigelow 3-4020

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street **New York 17**
OFFICIAL ANALYST
U.S. Shellac Importers' Association
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M.
Specializing in Perfumes, Toilet Preparations, Pharmaceuticals and Flavors. Formulas perfected. Problems solved. Labels and Circular matter revised to comply with the new Food, Drug and Cosmetic Act.
433 Stuyvesant Ave, Irvington, N. J.
Phone ES 2-8433
E. M. Laning, B.Sc., Manager

Seattle 4, Wash. . . 911 Western Ave.
LAUCKS LABORATORIES, INC
ESTABLISHED 1908
Analytical and Consulting Chemists
Spectrographers, Assayers
Inspecting, Sampling, Certification
of Raw and Processed Materials
LARGEST INDEPENDENT LABORATORY IN THE NORTHWEST

MOLNAR LABORATORIES
PENICILLIN ASSAYS
211 East 19th Street
New York 3, N. Y.
GRamercy 5-1030

Munch Laboratory
Consultant and Laboratory Service
New and Old Drugs
Bioassays
Pharmacology
Clinical Studies
306 South 69th Street Upper Darby, Pa.
Branch—West Chester, Pa.

Orthmann Laboratories
Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries
Consulting, Analytical and Research
647 W. Virginia Street **Milwaukee, Wis.**

PLASTIC ENGINEERING —
Thermosetting resin formulas, heat reactive adhesives, bonding resin formulas. Plastic application engineering, product development, sales outlets, manufacturing contacts.
PLASTIC ENGINEERING
P.O. Box 100 **Midland, Mich.**

PATENT YOUR IDEAS
send a Sketch or Model of your invention for
CONFIDENTIAL ADVICE
FREE CONSULTATION LITERATURE
IDEAS
Z.H. Polachek
1234 BROADWAY NEW YORK
PATENT ATTORNEY ENGINEER
U. S. Pat. Off. records searched for ANY invention or Trade Mark

IF Your Professional Card
were here others would be reading it.
Send for rates.
Oil, Paint and Drug Reporter
59 John Street, New York 7, N. Y.

John E. Raisch & Co.
OFFICIAL and LICENSED WEIGHERS, SAMPLERS and INSPECTORS, CARGO SUPERVISORS and CONTROLLERS.
Licensed by N. Y. Cotton, N. Y. Cocoa, N. Y. Coffee and Sugar, Commodity and N. Y. Produce Exchanges
15 Moore Street **New York 4, N. Y.**
Tel. BO 9-4644-4645

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, OILS, FOODS, WATER, VITAMIN DETERMINATIONS
202 East 44th Street New York 17, N. Y.
MUrray Hill 2-0087

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph.D.
Earl B. Putt, Ph.G., B.Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone MUrray Hill 3-6363
16 East 34th Street **New York 16**

Foster D. Snell, Inc.
Our Staff of chemists, engineers and bacteriologists with laboratories for analysis, research, physical testing and bacteriology, are prepared to render you every form of chemical service.
303 Washington Street
BROOKLYN 1, N. Y.

Stillman & Van Siclen, Inc.
Chemical and Testing Engineers
Tests, Inspection and Supervision of Benzol, Toluol, Xylol, Tars, Pitches, Asphalts, Road Oils and all other Coal Tar and Petroleum Products.
Telephone: LExington 2-2636
18 East 41st St. **New York 17, N. Y.**

Stillwell & Gladding
Established 1862
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerin, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers.
130 Cedar Street **New York 6**

HERBERT WATERMAN, Ch.E., Ph.D.
Consulting Engineer
Production Problems
Equipment and Plant Design
Research and Process Development
2100 Roselin Pl., Los Angeles, Cal.
Telephone: OLympia 3789

JOHN M. WEISS AND CO.
50 East 41st St. **New York 17**
CHEMICAL ENGINEERING
PLUS
ECONOMIC INTERPRETATION
Telephone MUrray Hill 5-6426

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in Analysis of Beverages, Fertilizers, Phosphates, Wood Pulp Coal and Coke, Feeding Materials, etc.
Calvert and Read Streets, Baltimore, Md.

Crude oil runs to stills for the same week averaged 4,639,000 barrels, compared with 4,752,000 barrels for the preceding week.

Gasoline.—The nationwide production of gasoline has shown a further decline for the week ended June 24, amounting in that period to 14,066,000 barrels, compared with 14,398,000 barrels for the previous week. The reporting refiners, representing 87.2 percent of the total refining capacity of the country, operated at 94.5 percent of capacity, compared with 96.8 percent for the preceding week. Nationwide supplies in storage on June 24 exhibited a further gain of 732,000 barrels to 86,000,000 barrels, compared with 78,960,000 barrels on June 17.

Fuel Oil.—Moderate amplification of both light and heavy fuel oil has been noted for the week ended June 24. On that date, stocks of light fuel oil showed a gain of 191,000 barrels to 34,328,000 barrels, compared with 32,232,000 barrels a year ago and heavy fuel oil supplies exhibited an increase of 740,000 barrels to 52,757,000 barrels, against 67,240,000 at the corresponding time last year.

Schoeck Made Treasurer Of N.J. Standard

Herbert P. Schoeck, assistant treasurer of the Standard Oil Company (New Jersey), has been elected treasurer of that company's operating subsidiary, the Standard Oil Company of New Jersey. He succeeds Jay E. Crane, recently elected a director of the parent company. Edward McNeil, head of the foreign exchange division of Standard of New Jersey, succeeds Mr. Schoeck as assistant treasurer, of the parent organization.

James M. Tanham, vice-president of the Texas Company, has been elected to the board of directors of the Greater New York Safety Council.

Fertilizer Materials

Aside from a satisfactory contract tonnage being placed in base material, trading in the fertilizer market was comparatively quiet. Orders for top dressings have been of normal dimensions, with some expansion in certain sections owing to the lateness of the crops. Production continued as full as labor conditions would permit. While superphosphate output has been hampered by labor shortages, the future outlook appeared favorable. If new facilities can be put in operation later in the year, production should certainly equal demand and then some.

Buyers of dried blood and tankage showed little interest in these materials at ceilings, but intimated that consideration would be given to offerings below ceiling. Packers, however, refused to reduce quotations. Castor pomace continued scarce and in active demand which was unfilled.

Advices from Australasia state a zinc company in that country has planned an annual production of 50,000 tons of ammonia sulphate after the war. Large quantities of waste sulphur from its zinc works will be utilized, according to trade reports reaching the Department of Commerce. Domestic consumption before the war amounted to approximately 50,000 tons, of which about half was imported from Canada and the United Kingdom. Since production was about 26,000 tons annually prior to the war, the proposed new capacity would result in an excess production for which export markets would have to be found.

OPA will establish a single price regulation, with specific prices for sales of all but a few minor fertilizer raw materials to fertilizer manufacturers, government departments and agencies on July 5, 1944. This will make it possible for manufacturers to check maximum prices for materials purchased by referring to one document.

Nitrogenates

Ammonia Sulphate.—Position continued firm with allocated shipments getting underway promptly. Production maintained around peak level with shipments sufficient to prevent any sizable supplies.

Bone Meal.—Scarcity of available supplies continued in this material. Inquiry was fairly active, with offerings of domestic readily absorbed.

Castor Pomace.—Spot stocks unavailable with buyers manifesting a good demand which could not be filled. Production was sold up through August.

Dried Blood.—Inquiry for dried blood slackened and trading was reduced to immediate requirements. Buyers were manifesting little interest at ceilings and were seeking material at lower levels. Meat packers, however, refused to sell below ceilings.

Soda Nitrate.—Position remained firm with future supply outlook somewhat confusd. West coast buyers are awaiting WPB allocations which depend upon arrivals and tonnage of new prospective importations.

Tankage.—While trading was slow the market retained a firm tone. Feeders were reluctant to purchase at ceilings, and some withdrew from the market. Packers were maintaining ceiling prices and refused to accept lower bids.

Phosphates

Phosphate Rock.—Steady demand from acidulators was reflected in continued heavy shipments of rock from mines. In some instances, output of high grade material has been sold over the balance of the year and it was apparent that the enlarged superphosphate program would ncessitate the use of more rock than in other years. The position of the market was firm. Higher producing costs and active demand being factors contributing strength to the situation.

Superphosphate. — Labor shortages have retarded production to some extent although acidulators are making every effort to step up production in order to meet the larger goal suggested by the government. At present, it is difficult to attain a capacity output and labor is given as the key influence on future production. At some points deliveries have remained below schedule.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Potashes

Heavy production has kept the supply situation favorable. Considerable tonnage has been booked for shipment to mixers under WPB regulations. Production of potash chloride 100 percent k-c-l for April amounted to 103,709 short tons compared with 105,658 in March. Stocks at producing plants at the close of April were 30,895 short tons against 10,508 in March, according to preliminary figures submitted by the Chemicals Bureau of WPB.

Sulphur and Pyrites

Consuming demand for essential requirements is sufficient to sustain steady shipments of sulphur from mines. Buyers are favored with an adequate supply situation which has permitted the prompt delivery of material. Spanish pyrites continued quiet with activity restricted by uncertain shipping conditions prevailing at supply sources.

Markets at Other Centers

Atlanta, June 29.—Movement of fertilizer materials for side dressings to growing crops is reported to have been satisfactory but not as great as farmers could have used to their advantage. Applications are still being made and are expected to continue later than usual because of the lateness of the crops, but producers and dealers consider that practically all orders are placed. Production of base goods against requirements of next season is scheduled for Summer and Fall to the extent that scarce labor will permit. Mining and acidulating of rock phosphate are reported progressing favorably with prospects of exceeding the normal demand. In spite of exceptionally high temperatures crops are reported doing well, especially where occasional showers are supplying sufficient moisture. Showers are quite general over the Southeast.

Baltimore, June 29.—Concerning fishing operations, reports from down Chesapeake Bay and the area outside of the Virginia capes gave information that the week had been a fairly good one from the standpoint of hauls. While fish at this time of year do not yield much oil, the results of operations otherwise were quite satisfactory. So far this season, the catch has been up to expectations, with the second week poor and the third good again. The five companies operating out of Reedville, Va., are stated to have booked orders for 1,000 tons each of scrap on a when-and-if-made basis, and are now disinclined to extend commitments until they know more about prospects. How much material will be sold as scrap and how much converted into meal is not known beyond the fact that conversion is not in favor because of the small mark-up allowed, which, in view of the factories, make the process unprofitable. The ceilings on scrap remains at $1.21 per unit, while meal is around $74 and more a ton. The news from Florida is about as it has been, while only one company is stated to be out in North Carolina.

Chicago, June 29.—Movement of nitrogenous fertilizer materials has held up comparatively well. Supplies seemed fairly plentiful. Buyers appeared interested in maintaining their supply reaching them in substantial and steady rates. Blood business has been active. Tankage was in good tone. Bone materials were steady marketwise. Dried Blood—Principal grade, $5.53 per unit of ammonia. Tankage—Feeding grade, unground, $5.53 per unit; liquid stick, tankcar, $2.75 to $2; hoof meal, $4.25 to $4.50. Bone Materials—Ground, steamed bone, $35 to $36 per ton; cattle jaws, skulls and knuckles, $43 to $45; dried rendered tankage, hard pressed, $1.25; 50 percent bone and meal scrap, $68 to $70.

Los Angeles, June 29.—Confirmation has been received here on some orders of nitrogenous material placed with Canadian producers, with quantities of am-

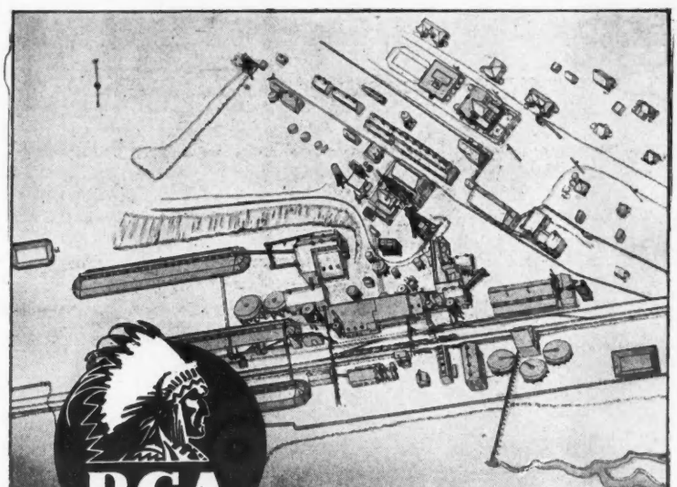
—*Continued on page 66*

For current prtces see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. — Barrett NITROGEN — THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
DREXEL BUILDING - - PHILADELPHIA 6, PA.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O
MANURE SALTS
22% K_2O MINIMUM
UNITED STATES POTASH COMPANY
Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.



Above is a bird's eye view of the plant at Carlsbad, N. M. where Potash Company of America mines and refines its products.

And at left is the Red Indian trade-mark of Potash Company of America which identifies Potash products of uniformly high quality.

POTASH is war material, vitally needed in ever increasing amounts in the production of food; vitally needed in industry in the production of war goods.

Add these two important requirements together and, despite the greatest domestic production of Potash in all history — and it is steadily increasing — it is not difficult to see why all the Potash everybody wants is not available.

P. C. A.'s Red Indian trade-mark stands for high Potash quality. It is an important mark to remember — today when all Potash products are tight, and tomorrow when you and your customers pick and choose.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

OPD—7-3-1944 63

SHIFT GEARS INTO GREATER PRODUCTION

DEVINE No. 34 Double Door VACUUM DRYER
20 Shelves 84" x 184"
2 DEVINE Rot.Vac. DRYERS
3' x 25'; 5' x 30'
12 OLIVER PRESSURE FILTERS
Vert. 25" x 63"; 100 sq. ft.
2 KELLY FILTERS
250 sq. ft. and 450 sq. ft.
2 Larger SWEETLAND FILTERS
7 Heavy COPPER TANKS
950 Gal; 4' x 9'
5 CAST STEEL Jkt'd. Agtd. PROCESS KETTLES; 4'6"x9'
1—1500 GAL. Jkt'd. Agtd. KETTLE 8' Dia. x 4' D.
MIKRO, GRUENDLER, RAYMOND, WILLIAMS PULVERIZERS
ROTEX SIFTERS and SCREENS
20" x 48" to 54" x 120"
and others
GLASS LINED TANKS and KETTLES
15 Gal. to 750 Gal.
JACKETED KETTLES
in Steel, Iron, Copper, Alum. and S.S. All Sizes
1 ROTARY DIGESTER
Jacketed; 6' x 18'
2 BUFFALO, DEVINE CRYSTALLIZERS
6' Dia. x 37" high; P.D.
FIRST MACHINERY CORP.
EAST 9TH STREET & EAST RIVER DRIVE, NEW YORK

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agencies Wanted

ESTABLISHED CINCINNATI firm covering Columbus, Indianapolis, Dayton, Louisville, and intermediate points would be interested in representing producers of chemicals or vegetable oils. BOX 223, Oil, Paint and Drug Reporter.

Containers Offered

FOR SALE—About 193,000 small boxes 7 1/16x4¼x1⅞ inches inside, silicate coated, $5.18 per thousand. Telephone LExington 2-2336.

Equipment Offered

FOR SALE—Column stone mills, used; various sizes. Old Dutch Mustard Co., Inc., 90 Metropolitan avenue, Brooklyn 11, N. Y.

Equipment Offered

TOLHURST CENTRIFUGE, 30 inch, belt driver bottom discharge perforated bronze basket, 7½ H.P. motor enclosed centrifugal clutch 220 3 phase 60 cycle; 30-inch American Laundry centrifuge under driven belt drive motor pedestal centrifugal clutch, 2 H.P. explosion proof motor. BOX 222, Oil, Paint and Drug Reporter.

ROLLER MILL—Kent junior "All American" 5 roll, 9x22 all water cooled, 15 H.P. motor, silent chain drive; mill is mounted on steel beams for high discharge. Price $1,050.00 f.o.b. Eagle Paint & Varnish Works, Long Island City, N. Y.

Equipment Offered

PEBBLE MILL, 18 in. x 27 in., porcela lined; one piece stonewear jar mill, gals. capacity; 26 in. copper basket ce trifugal; 12 in. closed delivery filter pre 8,000-gal. steel tank. Lawyer Compan Durham avenue and L.V.R.R., Metuche N. J.

Equipment Wanted

VACUUM CHAMBER dryer—Need a ne or used vacuum chamber dryer. Si preferably 40 by 43 inches or larger. least 8 or 10 shelves. Send complete d tails as to size, number of shelves a space between shelves. BOX 214, O Paint and Drug Reporter.

Back 5th War Loan Drive—*BUY WAR BONDS*

LIQUIDATION Complete WHITING PLANT

AT BAYONNE, NEW JERSEY

1—24" dia. x 40" PENNSYLVANIA SINGLE ROLL CRUSHER.
1—18" x 18" LANCASTER TWO-ROLL CRUSHER.
1—HARDINGE CONICAL PEBBLE MILL, 6' x 36", silex lined, silent chain drive, motor and starter.
1—DORR BOWL CLASSIFIERS—10' dia. bowl with 2'3"x19'8" rake, 12' dia. bowl with 2'3"x21'4" rake, 15' dia. bowl with 2'3"x23' rake.
1—OLIVER DUPLEX DRY VACUUM PUMP, 14" x 8".
1—HARDINGE CONSTANT WEIGHT FEEDER, with motor.
3—DORR THICKENER MECHANISMS—Trays and Superstructures for 20' dia. x 10'; 30' dia. x 12'; 40' dia. x 12'.
4—DORRCO DIAPHRAGM PUMPS, single and duplex.
1—8' x 8' OLIVER ROTARY CONTINUOUS VACUUM FILTER.
3—RAYMOND BROS. "IMP" PULVERIZERS, 1—No. 30, 2—No. 40. Each with direct connected motor starting equipment, cyclone collector, tubular dust collector and all inter-connecting piping.
1—HORIZONTAL STEEL STORAGE TANK 8'x28' 10,000 gal.

MISCELLANEOUS: Packers, Fuel Oil Pumps, Magnetic Separator, Portable Drills, Electric Grinder, etc.

QUICK ACTION! WIRE—PHONE—WRITE

LIQUIDATION

MACHINERY AND EQUIPMENT OF FORMER

CENTRAL SUGAR CO.

DECATUR, INDIANA

1—Battery of 5—40" BRONZE BASKET, Western States 1600 RPM, belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.
1—Battery 6—40" and 1 battery 4—40" American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.
1—12,000 sq. ft., QUADRUPLE EFFECT, all steel, vertical tube EVPORATOR, complete with all piping, pumps, etc.
1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.
4—8'x12' All Steel OLIVER FILTERS, complete with all pumps and receivers.
3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.
3—No. 12 SWEETLAND FILTERS, iron leaves on 4" centers.
8—JUICE HEATERS, 500 to 750 sq. ft. H. S.
1—Hersey double unit ROTARY DRYER OR GRANULATOR.
2—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Crystallizers, Pumps, Package Machinery, Dryers, Coil and Calandria Pans

Send for Printed Circular

Arrange to Inspect

Special Items from Stock

1—Baker Perkins, 100 gal. stainless steel clad VACUUM MIXER, with heatable stainless steel sigma blades.

2—70" x 30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—5' x 12' Vacuum DRUM DRYER, Buffalo Foundry complete with accessories
10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 36" x 12'
3 ATMOSPHERIC DRUM DRYERS 4' x 12'.
2—28" x 60" ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.
2—Buffovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
4—6 TRUCK DRYERS, Philadelphia Textile.
9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30', 70" x 30'.
1—7'6" x 75' Indirect Heat ROTARY DRYER.
1—Carrier, 24 TRUCK DRYERS with aerofin coils and enameled trays.
2—PEBBLE MILLS. 1—4' x 4' Burrstone Lined; 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
3—CRUSHING ROLLS, 40 x 16" Colorado Iron Works; 36" x 16" Sturtevant.
6—DRY POWDER MIXERS various sizes. To 3000 lbs.
2 W. & P. MIXERS, sizes 21-X-DB jacketed 625 gal.
2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.
1—4'x6' OLIVER CONTINUOUS FILTER; 2—8'x8'.
8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No 3 No 1 No 0000
1—Day 5-roll, high speed ROLLER MILL, 12" x 32" with roller bearings and motor drive.
1—Day No. 30 Imperial Jack. MIXER. 75 gal.
10—RUBBER LINED Rectangular TANKS; 7—500-gal.; 2—200 gal.; 1—150 gal.
29—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives
1—PNEUM. SCALE CARTON PACKAGING UNIT
1—Pneumatic Scale Co. Auto. tight WRAPPER.
4—Batteries of two each TYLER HUMMER SCREENS 4'x5', single deck, other sizes
1—36' dia. Cast Iron COLUMN, 23" high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.
1—Day 5-gal. jacketed MOGUL MIXER
9—Hardinge BALL MILLS, 3' x 8", 3' x 36", 6' x 36"; also 6' x 12' Rod Mill.
5—ROTARY KILNS, 4' x 30' 6' x 60' 8' x 125', 8' x 135'.
2—BELT CONVEYORS, 30" x 130', 16" x 65'.
3—Dracco Perfecto Type AAA DUST COLLECTORS.
1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d.
2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.
30—Jacketed Kettles, 20 gal. to 2000 gal.
3—ROLLER MILLS, 6' x 14", 12 x 30, 16 x 40 water cooled.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.
4—Granberg LIQUID METERS.
1—No. 7; 2—Colton TUBE or JAR FILLER.
2—Colton hand TUBE FILLERS and CLOSERS.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
2—World Rotary auto. LABELERS
1—C. C & S 7-head Jumbo CROWNER.
1—5' dia all Copper Jack. and Coil VACUUM PAN, complete with condenser and steam drums, Vac. Pump.

EXPELLERS

6—Anderson No. 1 OIL EXPELLERS, with feeders, tempering apparatus, 15 HP AC motors—rebuilt.

1—Sperry Iron FILTER PRESS, 36" x 36", 38 chambers.
7—50 gal. copper steam jacketed VACUUM PANS, complete, other sizes to 750 gal.
1—Robinson 22" ball bearing ATTRITION MILL, with 2—15 H. P. A. C. motors.
1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.
1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.
1—(new) Stokes "T" single punch TABLET MACHINE, 1½", var. speed and A. C. motor; 1—Stokes F, ¾", belt driven.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh. grooved.

WANTED: Idle Machines

Single Items or Complete Plants.

You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 225, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—2,300 lbs. water dispersible phthalocyanine blue BP-192-D DuPont; price $1.10 per pound. BOX 217, Oil, Paint and Drug Reporter.

Materials Wanted

SOLVENTS, solvent blends, thinners, cleaners, dopes, lacquers, resins, plasticizers and allied compositions. Substantial lacquer manufacturer seeks sources for either prime or contaminated, off-spec or distressed materials. BOX 126, Oil, Paint and Drug Reporter.

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 226, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN WANTED to sell industrial chemicals and solvents, experienced; liberal drawing against commission; metropolitan area. BOX 218, Oil, Paint and Drug Reporter.

ASSISTANT SUPERINTENDENT wanted for paint, varnish and lacquer plant located in middle west. Must be chemist. Good opportunity. BOX 215, Oil, Paint and Drug Reporter

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 228, Oil, Paint and Drug Reporter.

CHEMIST with broad experience in the manufacture of drug and toilet preparations to take charge of product research and development work. Excellent opportunity at attractive salary for man qualified to assume position of responsibility. BOX 221, Oil, Paint and Drug Reporter.

MAN to manage small New York cosmetic company which has resources behind it to make it grow. Must be competent in manufacturing end with contacts for procurement of materials and packaging requirements, and be able to supervise sales personnel. Can expect increasing remuneration as business grows and prospers. BOX 219, Oil, Paint and Drug Reporter.

Positions Vacant

AROMATIC CHEMICALS man, thoroughly experienced, wanted by old, reputable firm, to take complete charge of department. Salary and commission; exceptional opportunity. BOX 185, Oil, Paint and Drug Reporter.

PAINT CHEMIST — Research position. Experience desired, especially with development work in paints. Chemistry major with a graduate degree. Salary: Open. Middlewest research institute. BOX 216, Oil, Paint and Drug Reporter.

Positions Wanted

MAN, 30, desires position that will send him to Mexico or So. America. Will stay permanently. Graduate chemist with experience in process development, business administration, purchasing, sales. Knowledge of Spanish, German. Available October 1st. BOX 206, Oil, Paint and Drug Reporter.

PHARMACEUTICAL PLANT manager, college graduate, experienced in production of general line of pharmaceuticals, purchasing and plant supervision in small organization. Now employed but wish to make new connection. BOX 220, Oil, Paint and Drug Reporter.

LUBRICANT CHEMIST is available. He has 37 years' experience in production and manufacturing of oils, greases and allied products. Also wide experience in actual research work. BOX 224, Oil, Paint and Drug Reporter.

SPECIALS

Jacketed Autoclave, 500 Gal., with Ag.
Haveg Vacuum Tank, 1000 Gal., with Ag.
Shriver Diaphragm Pump, 100 GPM.
Buffalo Vac. Drum Dryer, 24"x20".
Closed Steel Mixing Tanks, 500 Gals.
40" Rubber Covered Extractor.
Rotary Tablet Mach. Type Stokes D—1".
Shriver 24" Wd. P & F Filter Press, C.D.
Abbe Pebble Mill, 200 Gal., Silex Lined.
Send for recent lists of many desirable items in stock.

MACHINERY & EQUIPMENT CORPORATION (of N. Y.)
49 East 4th Street, New York 3, N.Y.

FOR SALE

1—No. 1 Gruendler Master Pulverizer, 15 H. P., 220 volt, 3 phase, 60 cycle motor and 2 dozen spare screens. First class condition.

1—40 H. P. Sturdevant blower, piping, 9' cyclone collector, 8 foot dust collector, with cotton bags.

1—No. 0000 Raymond Automatic Pulverizer.

1—No. 1 Raymond Beater Mill.

BOX 227
OIL, PAINT AND DRUG REPORTER

SPECIALS!

4—Jacketed, Agitated Steel Kettles, 650, 600 gal.
1—Kent High Speed 13"x33" 4 Roller Mill, 20 HP motor.
1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.
3—Oliver Rotary Filters, 5'x3', 8'x3', 8'x11'.
5—Shriver and Independent 24" and 42" Wood Filter Presses.
1—Sperry 24" C.I. Filter Press.
1—Ermold Labeler with Belt Conveyor discharge.
9—Portable Agitators, ¼ to 2 HP.
29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.
2—6'x28' Steam Tube Dryers.
3—Hersey Rotary Dryers, 5'x30', 5'x21'.
1—Buffovak 5'x10' Rotary Vacuum Dryer.
2—Scott 4'x8' Vacuum Cookers.
1—Buffalo 24"x20" Vacuum Drum Dryer.
5—Rotary Dryers, 4'x30', 6'x17', 6'x42', 6'x60'.
6—Evaporators, single, double, triple effect, standard makes.
1—Premier Colloid Mill, 5", 3 HP motor.
1—Union Viscolizer, 100 gph.
6—Williams, JayBee Gruendler Hammer Mills.
2—Jeffrey Hammer Mill's, 36"x24", 24"x18".
10—Abbe Pebble Mills, 30 to 200 gal.
4—Rubber Lined Pebble Mills, 2'x3', 3'x3'.
6—Jar Mills, 1 to 6 gals.
4—Roller Mills, 9"x24", 12"x30".
4—Tyler Screens, 3'x5', 4'x5'.
18—Cooper Jacketed Kettles, 20 to 600 gal. plain and agitated.
4—W. & P. Mixers, 9 and 50 gal.
1—Day Imperial Jacketed Mixer, 75 gal
1—Stokes Wet Granulator.
2—50 gal. Copper Vacuum Pans.
1—Stokes Steel Vacuum Pan, 100 gal.
2—1750 gal. Lead Lined Pressure Tanks.
2—Jacketed Stills, 500 and 350 gal., with columns and condensers.
10—Condensers or Heat Exchangers, 20 to 300 sq. ft.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.
1—375 gal. Closed Steel Jacketed Mixing Tank, with 2 HP worm drive.
3—Sweetland Filters, No. 12, with 72 leaves.
5—Union Special Bag Sewing Machines.
1—Conner Rotary Dryer, 6'x17'.
1—Louisville 24" Continuous Filter.
1—Rectangular Tanks, 8'x12'x19'6".
2—Marcy 6'x41½' Manganese Lined Ball Mills.
6—Dorr Thickeners, 10' to 30' dia.
2—6'x5' Jacketed Closed Pressure Kettles.
2—Fletcher 40" Centrifugals, motor driven bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.
3—Sharples No. 6 Super Centrifuges.
2—6' Buffovak Atmospheric Crystallizers.
2—Batch Powder Mixers, 1000, 2000 lb.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

WANTED: Your idle equipment. Help the war effort by sending us your lists today. We buy single items or complete plants.

BRILL Equipment Co.
225 WEST 34th STREET, NEW YORK 1, N.Y.

In Stock, For Delivery

1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
1—Shriver 18" sq. Lead Plate & Frame Filter Press.
1—Sperry 18" sq. Iron P.&F. Filter Press.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals.
2—75 and 1500 gal. lead lined closed Kettles.
1—Dopp 50 gal. Jacketed, Agit. Kettle.
1—Procter Automatic Conveyor Dryer.
5—20, 35 and 130 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
2—Single Punch Preform Tablet Machines, ½" and ¾".
3—Ball & Jewell Rotary Cutters.
3—Homogenizers, 5 HP, 7½ HP, and 10 HP.
4—Watson-Stillman Hydr. Pumps.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
1—Faust 150 gal. Jack. Spiral Mixer.
2—Coombs Gyratory Sifters, ⅓ & ½ HP.
1—Schutz-O'Neill No. 2 Gyrator Sifter.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 2 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vacuum Pumps.
2—De Laval Separators, Lab. size & No. 302.
2—De Laval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Mills, 12"x30", and 16"x40".
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20", & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 200 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 10" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
10—Steel Tanks, up to 4000 gal.
1—Schutz-O'Neill No. 1 Sugar Pulverizer.
2—Schutz-O'Neill 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
425 BROOME ST., NEW YORK 13, N. Y.

LIQUIDATING

Mayburg Chemical Co.

FOR IMMEDIATE SALE!
AS IS, OR THOROUGHLY OVERHAULED

POT STILL—COPPER, HORIZONTAL
(Complete with Coils and Connections)
1—6'0" dia. x 7'4" long, Flanged Heads 1,585-gal. cap.

ETHER EXTRACTOR, COPPER
3'0" dia. x 26'4½" high with Agitator.

18 CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.

ALSO AVAILABLE, FROM STOCK
Distillation Columns in Various Sizes.
2—Anderson No. 3 Moisture Expellers.
Rotary Steam Dryers Compl. with Trunions.
2—40'0" dia. x 23'0" long.
1—6'0" dia. x 23'0" long.
4—Juice Heaters, Steel Shell Brass Tubes, 42" dia. x 9'0" long—550 sq. ft. surface.
9—Coil-Type Vacuum Pans (Complete with Condensers Catchalls, etc.):
3—12'0" Diameter—Cast Iron.
2—14'0" Diameter—Cast Iron.
1—11'0" Diameter—All Copper.
3—14'0" Diameter—All Copper.
Copper Tank Cap. 330 gals.
Steel Tanks, Riveted; Cap. 370&580 gal.
2—Steel Air Tanks (welded), 2'6"x 15'5" long.
Ammonia Coolers.
Bucket Elevator, 105'0" high. Buckets 6"x11", Compl. with Drive, Pulley, and Belt.
Hammer Mills—Williams, Cap. 1,000 to 1,200 lbs. corn per hour through 1/16" screen.
Pumps—Centrifugal and Steam, all sizes.
4—Tank Sand Filter Systems. Each 3'0" dia. x 5'0" high, with fittings and "I" Beams.
Peabody Oil Burner—Never Used—Suitable for 150 h.p. Boiler.
Ace Oil Burner—excellent condition.
Lawrence Triple Effect Evaporator.
Vertical Motor Reducer 25 h.p., 1,200 r.p.m. to 90 r.p.m. output speed. Complete with Enclosed, Fan-Cooled Motor.
Copper Coils—Various Sizes and Types.
Copper Tubing, 1" to 14", like new; cast iron flanges attached.
21 C.I. Pipes, 20" I.P.S. x 12'0" long.
Valves: Brass & I.B.B.M., all sizes and types, reconditioned and guaranteed.
1—Keeler 125 h.p. Horizontal Boiler.
Steam Driven Air Compressor, Westinghouse Type—like new.

FLG'D, CAST IRON FITTINGS AND PIPE, ALL SIZES

WRITE FOR COMPLETE LIST

ORELAND EQUIPMENT CO.
P. O. BOX "E", ORELAND, PENNA.

Electric Hoists

Five (5) Link Belt Electric Hoists
ONE TON CAPACITY
With Crocker Wheeler 110 Volt D.C. Motors

$200.00 Each

F.O.B. Newark, N.J.

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

Win the Battle Over Production Delays with Union Rebuilt Guaranteed Equipment!

UNION Rebuilt Machinery Established 1912

IN STOCK . . READY FOR IMMEDIATE DELIVERY! ALL OFFERINGS SUBJECT PRIOR SALE!

Wire Collect for Prices and Details!

2—Day three-roll Roller Mills, 16"x40" horizontal type with roller bearings, direct motor drive.
2—Kent three-roll Roller Mills, 16"x40" horizontal type motor drive.
1—National five-roll Roller Mill, with steel water-chilled Rollers, 16"x40".
1—National three-roll Roller Mill equipped with 16"x40" water cooled chilled steel rollers.
1—Lehman 16"x40" three-roll Roller Mill with water-cooled rollers.
1—Werner & Pfleiderer 2,500 gallon capacity double arm steam-jacketed Mixing Tank.
1—Single action steam jacketed Mixer equipped with two 4" outlets; 900 gal. capacity.
1—Stokes 400 gallon capacity single arm Mixer, direct motor driven.
1—Reed 150 gallon capacity single and double arm Mixer.
1—Day single and double arm 100 gallon capacity jacketed Mixer Cast-iron jacketed Kettles, 40-50-75 gallon capacity.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

Recent Imports

All matter under this head fully protected by copyright

ARACANUTS—160 bgs, Holland Colombo Trading Society, Inc
BARK, PWD—125 bgs
BEEF EXTRACT—100 cs, Armour & Co
BRISTLES, HOG—195 cs
8 cs, Irving Trust Co
15 cs, Gondrand Shipping Co, Inc
CAFFEINE, ANHYD—55 dms, Lo Curto & Funk
CASCARILLA BARK—984 bls
CASTOR BEANS—1,694 bgs, 254,100 lbs, Guaranty Trust Co
8,500 bgs, 1,275,000 lbs, Baker Castor Oil Co
8,000 bgs, 1,200,000 lbs, Wilbur Ellis & Co
1,600 bgs, 240,000 lbs, Spencer Kelogg & Sons
CINNAMON—65 bls, 6,500 lbs, Stickney & Poor Spice Co
4 bls, 400 lbs, A G Dunn
101 bls, 10,100 lbs, Mecke & Co
320 bls, 32,000 lbs, Volkart Bros
94 bls, 9,400 lbs, Holland Colombo Trading Society, Inc
63 bls, 6,300 lbs, Wessel, Duval & Co
COCOA BEANS—415 bgs, 83,000 lbs, Geck Trading Co
2,000 bgs, 400,000 lbs, Gillespie & Co
6,000 bgs, 1,200,000 lbs, Wessel, Kulenkampf & Co
3,000 bgs, 600,000 lbs, General Cocoa Co
9,037 bgs, 1,807,400 lbs, Curacao Trading Co
12,445 bgs, 2,489,000 lbs, Machado & Co
416 bgs, 83,200 lbs, A C Israel Commodity Co
2,000 bgs, 400,000 lbs, Rockwood & Co
4,000 bgs, 800,000 lbs, Wessel, Kulenkampf & Co
4,000 bgs, 800,000 lbs, Nieschlag & Co
1,000 bgs, 200,000 lbs, Kennedy, Butcher & Co
5,000 bgs, 1,000,000 lbs, W R Grace & Co
1,000 bgs, 200,000 lbs, Hershey Chocolate Co
COCOABUTTER—417 bls, W R Grace & Co
67 bls, Wessel, Kulenkampf & Co
501 cs, Wessel, Kulenkampf & Co
53 cs, General Cocoa Co
COCOABUTTER—47 bls, General Cocoa Co
200 cs, Willard Hawes & Co
83 cs, Schwabach & Co
50 cs, Cocoa Importing Co
34 cs, M Golodetz & Co
84 cs, E Adler & Co
23 cs, Little & Christman
17 cs, T M Duche & Sons
83 cs, Nieschlag & Co
CORK—133 bgs, National City Bank
SHAVINGS—241 bls, Crown Cork & Seal Co
VIRGIN—58 bls, Armstrong Cork Co
WASTE—54 bls, Armstrong Cork Co
518 bls, Wiscander & Co
WOOD—150 bls, Armstrong Cork Co
COTTONSEED MEAL—22,000 bgs, United States Commercial Co
CUTTLEFISH BONES—9 cs, Hudson Shipping Co
8 cs, Hinton & Co
2 cs, Gerhard & Hey
DIATOMACEOUS EARTH—2 tins, Hecht Lewis Kahn, Inc
DIGITALIS LEAVES—6 dms, H W John Co
DOGWOOD BARK—51 bgs, J L Hopkins & Co
EUPHORBIA—33 bls, J L Hopkins & Co
GLUE, HIDE—200 bgs, Transatlantic Animal By Product Co
GLUESTOCK—226 bls, H Remis & Co
35 rolls, H Remis & Co
CATTLE FLESHINGS—150 bls, Milligan & Higgins Co
HAIR, HORSE TAIL—11 bgs, R Schwarz Hair & Fiber Supply Co
9 bgs, W W Loewy
3 bgs, B Van Mas
1 cs, Wilson & Co
2 cs, American Bristle & Hair Drawing Co
6 cs, Philadelphia National Bank
PIG—19 cs
HONEY—594 bbls, Colonial Molasses Co
709 bbls, Steinhardt & Nordlinger
325 bbls, H & M Packing Co
574 bbls, M Godoletz & Co
359 bbls, Mercantile Metal & Ore Corp
1,037 cartons, Catz American Co
407 crates, Catz American Co
393 bbls, Wm M Allison & Co
126 bbls, Fendex Corp
101 bbls, Catz American Co
368 bbls, Tradeameric Corp
200 bbls
IPECAC ROOT—80 bgs, S B Penick & Co
8 bgs, McKesson & Robbins
LICORICE ROOT—4,322 bls, MacAndrew & Forbes
MEDICINAL PREPS—22 cs, D C Andrews & Co
MENTHOL—19 cs, Norda Essential Oil & Chemical Co
12 cs, McKesson & Robbins
2 cs, Corn Exchange Bank & Trust Co
2 cs, National City Bank
1 cs, Doggett & Ramsdale
7 cs, Vick Chemical Co
5 cs, Irving Trust Co
1 cs, Lyddon Co
5 cs, C L Huisking & Co
5 cs
1 cs, Republic Chemical Corp
OIL, CASTOR—50 dms, Irving Trust Co
CITRONELLA—13 dms, R J Prentiss & Co
21 dms, Magnus, Mabee & Reynard
CODLIVER—150 dms, McKesson & Robbins
100 dms, Arista Oil Product Co
ORANGE—4 cs, Consumers Import Co
1 cs, T M Duche & Sons
SASSAFRAS—17 dms, Otto Gerdau Co
5 dms, Givaudan Delawanna
3 dms, Dodge & Olcott Co
1 dm, P R Dreyer
PAPAIN—28 half cs, Dodwell & Co
35 cs, America Ferment Co
10 cs, Peek & Velsor
10 cs, R J Prentiss & Co
PAPRIKA—100 bgs, 14,000 lbs, McCormick & Co
100 bgs, 14,000 lbs, R F Downing & Co
10 bgs, 1,400 lbs, Frank Tea & Spice Co
50 bgs, 7,000 lbs
SHELLAC—503 bgs
GARNET LAC—255 bgs
SEEDLAC—540 bgs
SOAP BARK—144 bls, S B Penick & Co
SHARK LIVERS—5 bbls, Merchants Bank of N Y
ST JOHN'S BREAD—1,283 bgs, Bank of New York
TARA—476 bgs, Wm M Allison & Co
POWDER—500 bgs, Wm M Allison & Co
WAX, BEES—3 bgs, Catz American Co
76 bgs, Schutz & Focke
53 bgs, Wax & Rosin Product, Inc
110 bgs, H H Pike & Co
117 bgs, Geck Trading Co
46 bgs, Will & Baumer Candle Co
58 bgs, F B Ross & Co
400 bgs, Duncan Fox & Co
CARNAUBA—34 bgs, American Cyanamid & Chemical Corp
33 bgs, Wessel, Duval & Co

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N. J.

Fertilizer Materials

—*Continued from page 63*

monia phosphate falling short of expectations on 11/48 grade. Further information on the potash allocations made here two weeks ago have cut some mixers down 10 percent over that material received last year. The fish meal situation held unchanged with users anxious to place large orders for new-crop meal for future shipment but with manufacturers unwilling to make forward commitments. Ruling prices are:—Ammonia phosphate quoted at $48 per ton for 16/20 grade and $57 for 11/48, delivered California plant. Ammonia nitrate named at $67 per ton, f.o.b. production point, with freight allowance up to $4.40 per ton. Ammonia sulphate quoted $38 per ton, with freight allowance up to $4.40 per ton from California plant. Canadian material on same basis.

Industrial Preparedness

—*Continued from page 3*

forces and civilian needs in the event of war. He should perform supervisory and directive functions as to the several executive departments and independent offices of the government with respect to such plans. He should have no operational functions in respect to work assigned to those agencies.

2. An allocation of responsibilities, functions, and duties by the director of industrial mobilization to the executive departments and independent offices and to the States, defining their respective responsibilities, functions, and duties as to industrial mobilization.

3. An industrial mobilization college as the center of a system for the purpose of training, in all phases of industrial mobilization, regular and reserve officers of the armed services, responsible officials of the executive departments of the government and the States, and selected civilians of American industry, including capital, management, and labor. In the work of this college, particular attention should be paid to the study of the availability and distribution of resources which must be made to meet the needs of the armed services and the essential civilian requirements in war.

Protective Coatings

—*Continued from page 47*

Glues and Binders

Casein.—Despite more liberal allocations granted by WPB for the third quarter in both acid-precipitated and rennet-precipitated casein, in recognition of the easier supply situation now prevailing, there has been no tendency on the part of importers or other suppliers to shade prices for the Argentine types,

WPB's allocations of rennet casein for the third quarter, are to be the same as those for the second quarter—120 percent of the 1942 uses. For the group of consumers using acid casein all requests for third quarter allocations have been granted in full, except in the case of paint which was granted 100 percent of 1942 consumption, representing a slight increase to the paint industry which for the current quarter was allowed only 80 percent of the 1942 consumption.

Botanical Drugs

—*Continued from page 58*

change for some actual deliveries. But the not-clearly defined bottleneck that has prevented arrivals from North Africa was still working overtime.

Dill.—There were orders in the market but they could not be filled despite good renewals of supplies recently. Some were withheld for decortication.

Fenugreek.—Citrous cultivations in California reported using this article as a covercrop. Information in hand says that an abundant harvest of this seed should follow easily the circulation of information regarding commercial needs and prices buyers will pay. Meanwhile, such domestic seed as may be obtained is held for 18c. per pound but informed quarters indicated that orders could be put through at 17¾c.

Spices

Allspice.—Mexican material was reported easier and lower at 18½c. to 19c. per pound.

Cinnamon.—Stocks were reported to have gained to the extent of 657 bales but they were consumer-owned when they became available.

Ginger.—No. 2 Jamaica root was higher at 25c. to 26c. per pound and the No. 3 quality was also advanced, being reported at 24½c. to 25c.

Pepper.—Latest reports were to the effect that the injunction suit involving government seizure of 6,500,000 pounds of black pepper and recently before a District of Columbia court has been assigned to a new judge, the next hearing date having been set for July 10.

Pimento.—Jamaica material was reported lower on the basis of 22c. to 23c. per pound.

Fertilizer Price

—*Continued from page 3*

monia, except in the Western States.

Revised Maximum Price Regulation No. 205 (Fertilizer Raw Materials) covers all sales of the following materials in the 48 States and the District of Columbia:

Chemical Nitrogenous Fertilizer Materials: —sulphate of ammonia, nitrate of soda, nitrate of soda-potash, calcium cyanamide, urea compound, ammonium nitrate-line compound, nitrogen solugen solutions and urea-ammonia liquors, ammoniacal liquors, anhydrous ammonia.

Organic Nitrogenous Fertilizer Materials:—process tankage, dried activated sewage sludge, castor pomace and unground castor cake.

Superphosphate: — pulverized and granulated superphosphate, triple superphosphate, and double superphosphate.

Potash:—muriate of potash, manure salts, sulphate of potash, and sulphate of potash-magnesia.

Ritz Quits WFA

John P. F. Ritz, who has been the Baltimore representative of the War Food Administration for more than a year, and who is widely known in the fertilizer industry, has resigned.

PROTECT *Vital* HANDS
PREVENT PRODUCTION LOSS • DAMAGE CLAIMS • ABSENTEEISM
All-Neoprene Latex
INDUSTRIAL GLOVES
Impermeable to practically All Acids and Caustics
Highly Resistant to Oils and Greases

These Neoprene Latex Gloves are the most serviceable ever designed for industrial use in conditions of acids, caustics and oils. They provide the best in safety protection of vital hands, guarding against injuries that cause lost production, damage claims and absenteeism. Remember, all synthetic gloves are not alike. The extra serviceability of Seiberling Neoprene Latex Gloves, as obtained through industry, has made them the outstanding value and preferred hand safety specification.

4 POPULAR STYLES

★ No. 5760-5, 18" LONG EXTRA LONG GAUNTLET GAUGE .030 TO .040 SIZES 10, 11

★ No. 5705-5, 11" LONG SHORT GAUNTLET GAUGE .020 TO .025 SIZES 9-10-11

★ No. 5737-2, 14" LONG LONG GAUNTLET GAUGE .030 TO .040 SIZES 9-10-11-11½-12

★ No. 5703-5, 10½" LONG LIGHT WEIGHT GAUGE .015 SIZES 7-8-9-10-11

★ Request samples and quotation on these extra-serviceable gloves available to you now for industrial purposes only.

★ REQUEST SAMPLE and quotation on these extra-serviceable gloves available to you now for industrial purposes only.

Seiberling LATEX PRODUCTS CO.
AKRON 9, OHIO
354 - 4th Ave., New York City Merchandise Mart, Chicago

Gum Tragacanth--- Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

VANILLA BEANS
ZINK & TRIEST CO.
15 LOMBARD ST. PHILADELPHIA 47, PA.

ALL GRADES — ANY QUANTITY
GUM TRAGACANTH
HABIB SABET DIRECT IMPORTER
30 ROCKEFELLER PLAZA — N.Y. 20, N.Y. — Tel. Circle 6-5868

M. Cortizas Company
IMPORTERS OF VANILLA BEANS ALL VARIETIES
1316 ARCH STREET PHILADELPHIA 7, PA.
CABLE ADDRESS—CALGICA · CODES: BENTLEYS SECOND PHRASE & PRIVATE

Index to Advertisements

Alabama Charcoal Company..... 40
Alexander, Jerome..... 62
Amcon Trading Co..... 49
Amend Drug & Chemical Co..... 68
American Agricultural Chemical Co.. 1
American British Chem. Supplies, Inc. 39
American Cholesterol Products, Inc.. 55
American Cyanamid & Chemical Corp. 28, 29
American Flange & Mfg. Co..... 15
American Potash & Chemical Corp... 52
American Zinc Sales Co..... 31
Ansul Chemical Co..... 40
Armour & Co..... 55
Association of Consulting Chemists & Chemical Engineers, Inc..... 62
Atlantic Coast Fisheries Co..... 52
Aviquipo, New York City..... 66

Baker, J. T., Chemical Co.....1, 50
Bancroft Laboratories..... 62
Barab, J..... 62
Barber Asphalt Corp..... 47
Barclay Chemical Co..... 40
Barium & Chemicals, Inc..... 39
Barium Reduction Corp..... 39
Barrett Division.....42, 63
Bay Chemical Co..... 38
Benzol Products Co..... 52
Biological Raw Products Co..... 52
Brill Equipment Corp..... 65
Brode Corp., The..... 49
Bureau of Chemistry..... 62

Calif. Fruit Growers Exchange..... 24
Carbide & Carbon Chemicals Corp.... 2
Carey, The Philip, Mfg. Co..... 52
Celanese Chemical Corporation..... 21
Centflor Co., Inc..... 60
Ceramic Color & Chemical Mfg. Co... 46
Chemical Products Corporation..... 41
Chemical Sales Corp..... 68
Chemical Solvents, C. P., Inc..... 68
Church & Dwight Co., Inc..... 39
Coleman & Bell Co..... 52
Colgate-Palmolive-Peet Co..... 54
Colton, Arthur, & Co..... 47
Commercial Solvents Corp..... 6
Consolidated Products Co., Inc..... 64
Cortizas, M., & Co..... 66
Crosby Naval Stores, Inc..... 49
Croton Chemical Corp..... 40
Cummins & Grant..... 62

Darling & Co..... 49
Day Chemical Co..... 62
Dickerson Company..... 63
Diehl, Wm., & Co..... 48
Distillation Products, Inc..... 53
Distributing & Trading Co..... 49
Doggett, Stanley, Inc..... 46
Dow Chemical Co..... 23
Dreyer, P. R., Inc..... 60
Du Pont de Nemours, E. I., & Co., Inc. 22
Durez Plastics & Chemicals, Inc..... 34

Edcan Laboratories..... 55
Edwal Laboratories..... 62
Ehrlich, J..... 62
Ellis-Foster Co..... 62
Emsco Equipment Co..... 65
Evans, Ralph L., Associates..... 62

Faesy & Besthoff, Inc..... 68
Fairmount Chemical Co., Inc..... 44
Felton Chemical Co., Inc..... 60
Fezandie & Sperrle..... 44
Fine Organics, Inc..... 68
First Machinery Corp..... 64
Florasynth Laboratories, Inc..... 60
Food Research Laboratories, Inc..... 62
Franks Chemical Products Co..... 46
Fries & Fries, Inc..... 52
Fritzsche Bros., Inc..... 59
Fulton Bag & Cotton Mills..... 68

Gartenberg, H., & Co., Inc..... 44
General American Transportation Corp. 14
General Drug Co..... 25
General Electric Co..... 33
General Magnesite & Magnesia Co... 38
Golwynne Chemicals Corp..... 17
Gray Industrial Laboratories..... 62
Gray, William S., & Co..... 1
Greeff, R. W., & Co.....47, 53
Gross, A., & Co..... 48
Gruman, J. B., Co..... 66

Hallowell, Horace J..... 62
Hardesty, W. C., Co., Inc..... 48
Hercules Powder Co., Inc..... 19
Heyden Chemical Corp..... 51
Hopkins, J. L., & Co..... 57
Hunt Chemical Works, Inc..... 40
Hutchinson, D. W., & Co..... 59

Imperial Paper & Color Corp..... 45
Independent Mfg. Co..... 49
Inland Alkaloid Company..... 53
Interboro Chemical Co..... 40
International Selling Corp..... 40

Kelco Company..... 57
Kentucky Color & Chemical Co..... 47
Knight, B. H..... 62
Koppers Company..... 43
Krumbhaar Chemicals, Inc..... 46

Lamon Chemical Corp..... 52
Laning, E. M., Co..... 62
Laucks Laboratories, Inc..... 62
La Wall & Harrisson..... 62
Lawson, W. B., Inc..... 38
Leberco Laboratories..... 62
Leghorn Trading Co., Inc..... 54
Lucidol Corp..... 53
Lueders, George, & Co..... 59

Maas, A. R., Chemical Co..... 41
Machinery & Equipment Co..... 65
Magnus, Mabee & Reynard, Inc.....8, 59
Mathieson Alkali Works, Inc..... 12
Mefford Chemical Co..... 54
Michigan Chemical Corp..... 41
Molnar Laboratories..... 62
Monsanto Chemical Co..... 35
Montville Chemical Works..... 56
Munch Laboratory..... 62
Mutual Chemical Co. of America.... 44

National Rosin Oil & Size Co..... 46
Natural Products Refining Co..... 44
Neuberg, William D., Co..... 11
Neville Co..... 45
Newark Steel Drum Co..... 61
Niacet Chemicals Corp..... 54
Niagara Chlorine Products Co..... 61
Nuodex Products Co., Inc..... 61

Oreland Equipment Co..... 65
Oronite Chemical Co..... 20
Orthmann Laboratories, Inc..... 62
Owens Brokerage Co..... 41
Owens-Illinois Glass Co..... 16

Pacific Alkali Co..... 41
Pacific Coast Borax Co..... 1
Parsons, M. W..... 54
Peek & Velsor, Inc..... 58
Penick, S. B., & Co..... 56
Pennsylvania Coal Products Co..... 52
Pennsylvania Refining Corp..... 61
Pennsylvania Salt Mfg. Co..... 40
Pfizer, Chas., & Co., Inc..... 37
Pittsberg Chemical Co..... 41
Plastic Engineering..... 62
Polachek, Z. H..... 62
Potash Co. of America..... 63
Prentiss, R. J., & Co..... 58
Prior Chemical Corp..... 1
Procter & Gamble.....48, 52
Purdy, W. S., Co., Inc..... 62
Puritan Fruit Products Co..... 68

Raisch, John E., & Co..... 62
Read, Chas. L., Co..... 41
Reichard-Coulston, Inc..... 47
Retort Pharmaceutical Co..... 54
Rosenthal, H. H., Co..... 55
Rufert Chemical Co..... 17

Sabet, Habib..... 66
Sadtler, Samuel P., & Son, Inc..... 62
Schepp Laboratories..... 62
Schimmel & Co., Inc..... 60
Schwab Brothers Corp..... 46
Schwarz Laboratories, Inc..... 62
Seiberling Latex Products Co..... 66
Seil, Putt & Rusby, Inc..... 62
Seydel Chemical Co..... 52
Sharples Chemicals, Inc..... 1
Sherwood Refining Co..... 61
Silmo Chemical Corp..... 54
Skelly Oil Co..... 26
Smith Chemical & Color Co..... 67
Snell, Foster D., Inc..... 62
Solvay Sales Corp..... 13
Standard Alcohol Co..... 46
Standard Specialty & Tube Co..... 55
Standard Synthetics, Inc..... 59
Standard Ultramarine Co..... 47
Stauffer Chemical Co..... 39
Stein Equipment Co..... 65
Stillman & Van Siclen, Inc..... 62
Stillwell & Gladding Co..... 62

Tennessee Products Corp..... 38
Thurston & Braidich..... 66
Todd, A. M., Co..... 60
Turner, Joseph, & Co..... 46

Ultra Penn Refining Co..... 61
Union Bag & Paper Co..... 48
Union Carbide & Carbon Corp..... 2
Union Standard Equipment Co..... 65
U. S. Industrial Chemicals, Inc..... 34
United States Potash Co..... 63
Uphof, J. C. Th..... 62

van Ameringen-Haebler, Inc..... 60
Velsicol Corp..... 33
Victor Chemical Works..... 41
Viking Distributing Co..... 55
Virginia Smelting Co..... 41
Vitro Manufacturing Co..... 40

Washine-National-Sands, Inc..... 40
Waterman, Herbert..... 62
Weiss, John M., & Co..... 62
Wiley & Co..... 62
Will & Baumer Candle Co..... 49
Williams, C. K., & Co..... 46
Wilson Carbon Co..... 46
Wilson-Martin Division..... 48
Witco Chemical Company..... 27

Ziegler Pharmacal Co..... 54
Zink & Triest Co..... 66
Zinsser & Co., Inc..... 41

OPD—7-3-1944

Effectively Serving the Industries
For Over a Quarter Century

DEPENDABLE
"Smithko" Products

Asbestos	Drop Black	Mica
Barytes	Gilsonite	Pumice Stone
Blanc Fixe	Iron Oxides	Silica
Calcium Carbonate	Lamp Black	Stearates
Chrome Oxides	Magnesium Oxide	Talcs
Clays	Manganese Oxide	Tall Oil

• • • • •

Representing Manufacturers of National Reputation

Available Technical Data Upon Request

SMITH CHEMICAL & COLOR CO.
INCORPORATED 1919
55 John Street Brooklyn 1, New York

OPD—7-3-1944 68

METHANOL (all grades) METHYL ACETONE

CHEMICAL SOLVENTS

Incorporated

60 Park Place Telephones: BArclay 7-8862 MArket 2-3650 Newark 2, N. J.

Faesy & Besthoff, Inc.

COPPER SULPHATE

22 EAST 40th STREET, NEW YORK CITY. CABLE: TRUFABEST

AMEND

DRUG & CHEMICAL CO., Inc.

117-119 East 24th Street, New York 10, N. Y. Tel. ORchard 4-0172

Plant at Lodi, N. J.

LABORATORY CHEMICALS

ORGANIC & INORGANIC

ALSO

U.S.P. - N.F. - PURE - COMMERCIAL

DISTRIBUTORS FOR MERCK & CO. REAGENTS

INDUSTRIAL and REAGENT CHEMICALS

COAL TAR PRODUCTS

PHONE GRANT 3750

CHEMICAL SALES CORPORATION OF PITTSBURGH

1900 GRANT BUILDING

CHEMICAL SALES CORPORATION

PITTSBURGH (19,) PENNSYLVANIA

- P-ACETYLAMINOPHENYL SALICYLATE (PHENETSAL)
- ANTIPYRINE SALICYLATE, N.N.R.
- CALCIUM IODOBEHENATE, U.S.P. (Sajodin)
- CAMPHOSULFONIC ACID AND ITS SALTS
- CAMPHORIC ACID, C.P (Natural and Synthetic)
- ETHYL CHAULMOOGRATE, U.S.P.
- CALCIUM BENZYL PHTHALATE (Pure)
- RESORCIN MONOACETATE, N.N.R.
- ACETYL TANNIC ACID, U.S.P.
- ALBUMIN TANNATE, U.S.P. (Tannalbin)
- HELMITOL

- WRITE FOR OUR COMPREHENSIVE LIST OF ORGANIC CHEMICALS of which we are PRIMARY MANUFACTURERS

FINE ORGANICS, Inc.

MAKERS OF FINE CHEMICALS

Executive Offices:

211 E. 19th STREET, NEW YORK 3, N. Y.

GRamercy 5-1030

TARTARIC ACID

Spanish • USP

Reprinted from Oil, Paint & Drug Reporter May 29th, 1944 Issue - - -

"Acid, Citric—Civilian needs run high and are being supplied in extremely small proportion to usual deliveries on civilian account. The War program is consuming substantial quantities and large increase in output has not been achieved, it attempted. March purchases by the War Food Administration were 3,337,355 pounds.

Acid, Tartaric—Spanish raw materials go to Great Britain. Argentine crude tartar comes to the United States. And not much is available in Argentina. The situation bids fair to become even tighter under this disposition of available raw materials. Imports of crude tartar from North Africa are in good volume".

We Can Accept A Limited Amount of New Business Subject to Current Requirements.

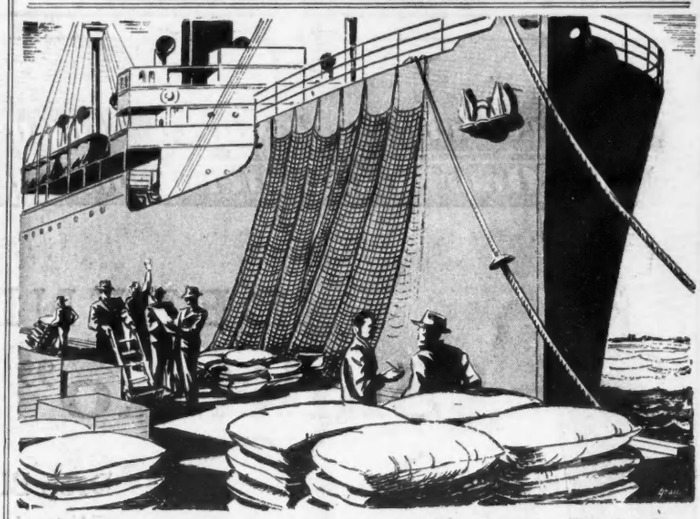
Spot Deliveries at a Minimum Cost

DIRECT IMPORTERS

PURITAN FRUIT PRODUCTS CO.

Chemical Division OP

2536 Indiana Ave. Chicago 16, Ill.



MOVE MATERIALS FOR WAR AND PEACE IN *Fulton* WATERPROOF COTTON AND BURLAP PAPER LINED BAGS

Fulton Bags carry through. It takes a tough moisture resistant bag to get there in good shape, protecting its contents under all loading and shipping conditions. The waterproof paper lined cotton and burlap must be of even strength—the bag seaming must be dependable and stand up under the pressure of weight and handling. Our plants have supplied millions of bags for use in combat areas. Back here at home bags must move a long list of essentials ranging from hygroscopic chemicals to food items. Many Fulton Waterproof Paper Lined Bags are replacing containers made of critical materials—metal drums, wooden boxes and barrels. We will continue to serve for war and the home front to the limit of our ability.

FULTON BAG & COTTON MILLS

Manufacturers Since 1870

Atlanta St. Louis Dallas

Minneapolis New York New Orleans Kansas City, Kan.